

**SONY**<sup>®</sup>

DIGITAL AUDIO RECORDER

**PCM-3348HR**

CONVERTER BOARD PACK  
**DABK-3343HR**



## MAINTENANCE MANUAL

Volume 2 1st Edition

PCM-3348HR Serial No. 10001 and Higher (UC/CE)

PCM-3348HR Serial No. 30001 and Higher (J)

DABK-3343HR Serial No. 10001 and Higher (SY)

## 警告

このマニュアルは、サービス専用です。

お客様が、このマニュアルに記載された設置や保守、点検、修理など行くと感電や火災、人身事故につながる可能性があります。

危険をさけるため、サービストレーニングを受けた技術者のみご使用ください。

## **WARNING**

This manual is intended for qualified service personnel only.

To reduce the risk of electric shock, fire or injury, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so. Refer all servicing to qualified service personnel.

## **WARNUNG**

Die Anleitung ist nur für qualifiziertes Fachpersonal bestimmt.

Alle Wartungsarbeiten dürfen nur von qualifiziertem Fachpersonal ausgeführt werden. Um die Gefahr eines elektrischen Schlages, Feuergefahr und Verletzungen zu vermeiden, sind bei Wartungsarbeiten strikt die Angaben in der Anleitung zu befolgen. Andere als die angegeben Wartungsarbeiten dürfen nur von Personen ausgeführt werden, die eine spezielle Befähigung dazu besitzen.

## **AVERTISSEMENT**

Ce manuel est destiné uniquement aux personnes compétentes en charge de l'entretien. Afin de réduire les risques de décharge électrique, d'incendie ou de blessure n'effectuer que les réparations indiquées dans le mode d'emploi à moins d'être qualifié pour en effectuer d'autres. Pour toute réparation faire appel à une personne compétente uniquement.

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# Manual Structure

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## Purpose of this manual

This manual is the Maintenance Manual of the Digital Audio Recoder PCM-3348HR and Converter Board Pack DABK-3343HR.

This manual is intended for use by trained system and service engineers, and describes the detailed service information with the intention of servicing based on the component parts.

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## Contents

This manual is organized by following sections.

### Maintenance Manual, Volume 2

#### **Section 7 Board Layouts**

This section describes board layouts. (the printed circuit patterns and printed symbols)

#### **Section 8 Schematic Diagrams**

This section describes the schematic diagrams of circuit board.

### Maintenance Manual, Volume 1 (Prepared separately)

#### **Section 1 Service Overview**

#### **Section 2 Parts Replacement and Mechanical Adjustment**

#### **Section 3 Electrical Alignment**

#### **Section 4 Block Diagrams**

#### **Section 5 Spare Parts**

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## Related manuals

The following manuals are prepared for PCM-3348HR.

- **PCM-3348HR Operation Manual (Supplied with the PCM-3348HR)**
- **PCM-3348HR Quick Reference (Supplied with the PCM-3348HR)**

These manuals describe the application and operation of the PCM-3348HR.

- **PCM-3348HR Installation Manual (Supplied with the PCM-3348HR)**

This manual describes the information when installing PCM-3348HR.

Section 7  
Board Layouts

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PCM-3348HR

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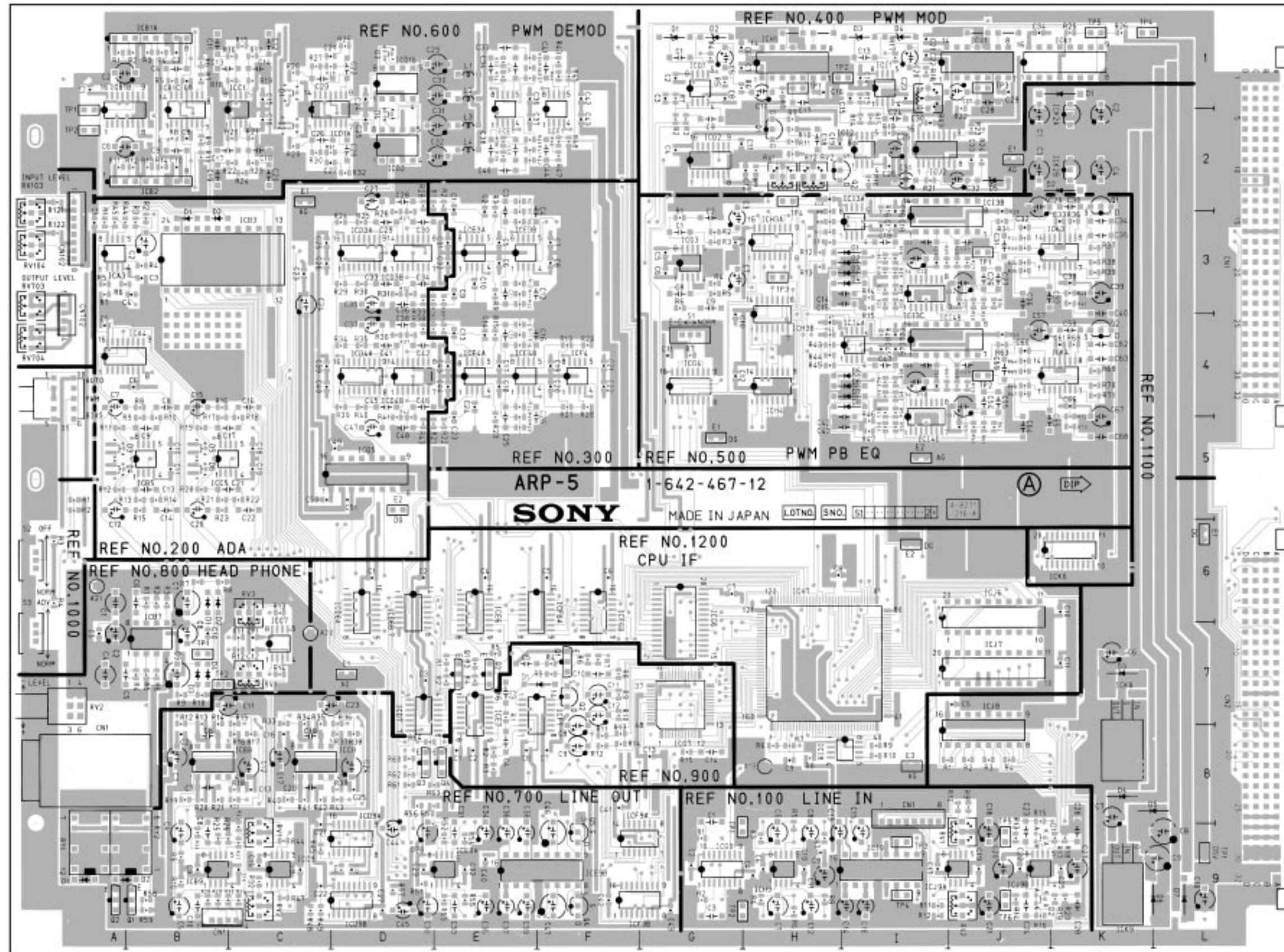
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DABK-3343HR

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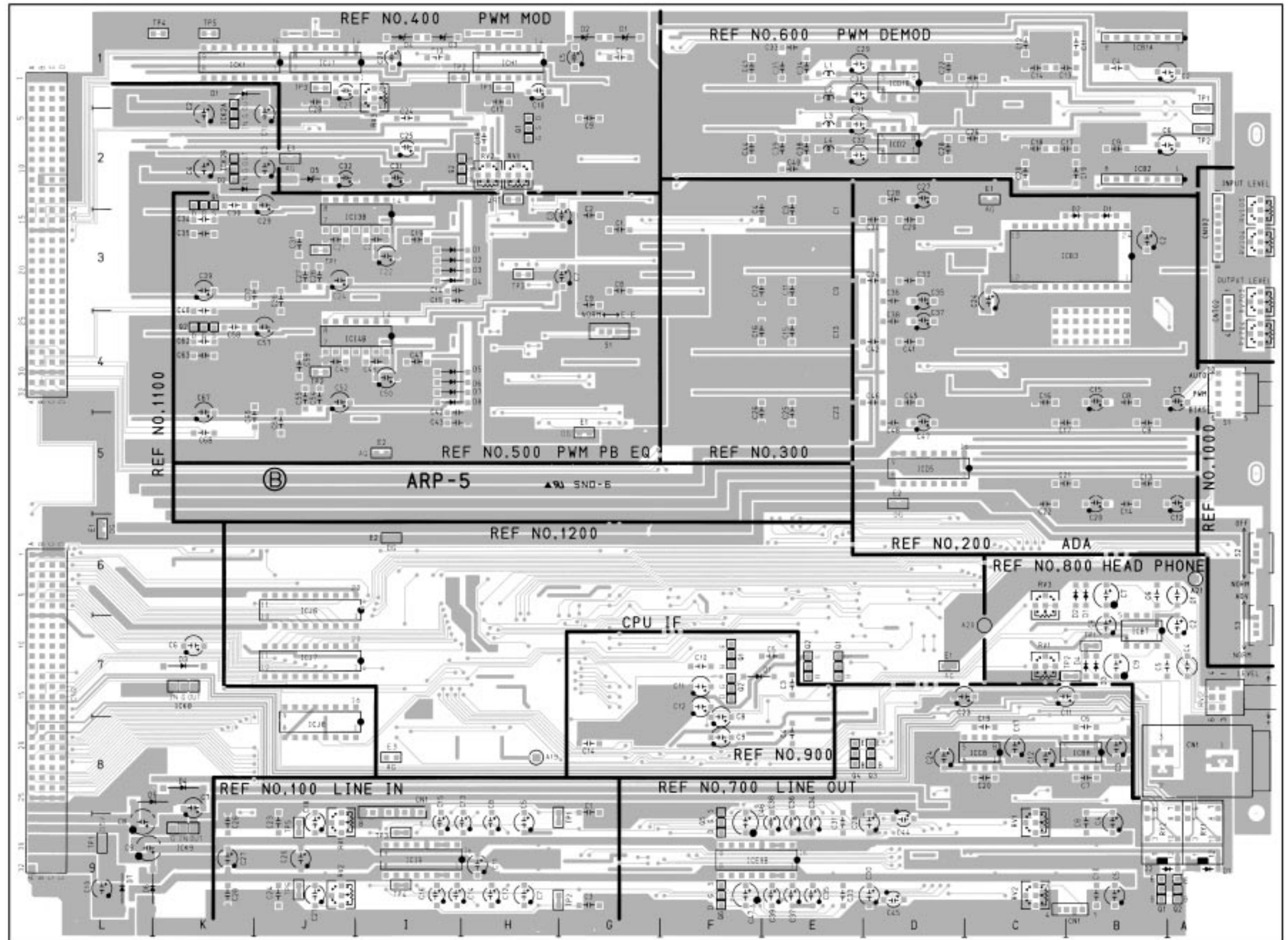
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

ARP-5 (1-642-467-12)

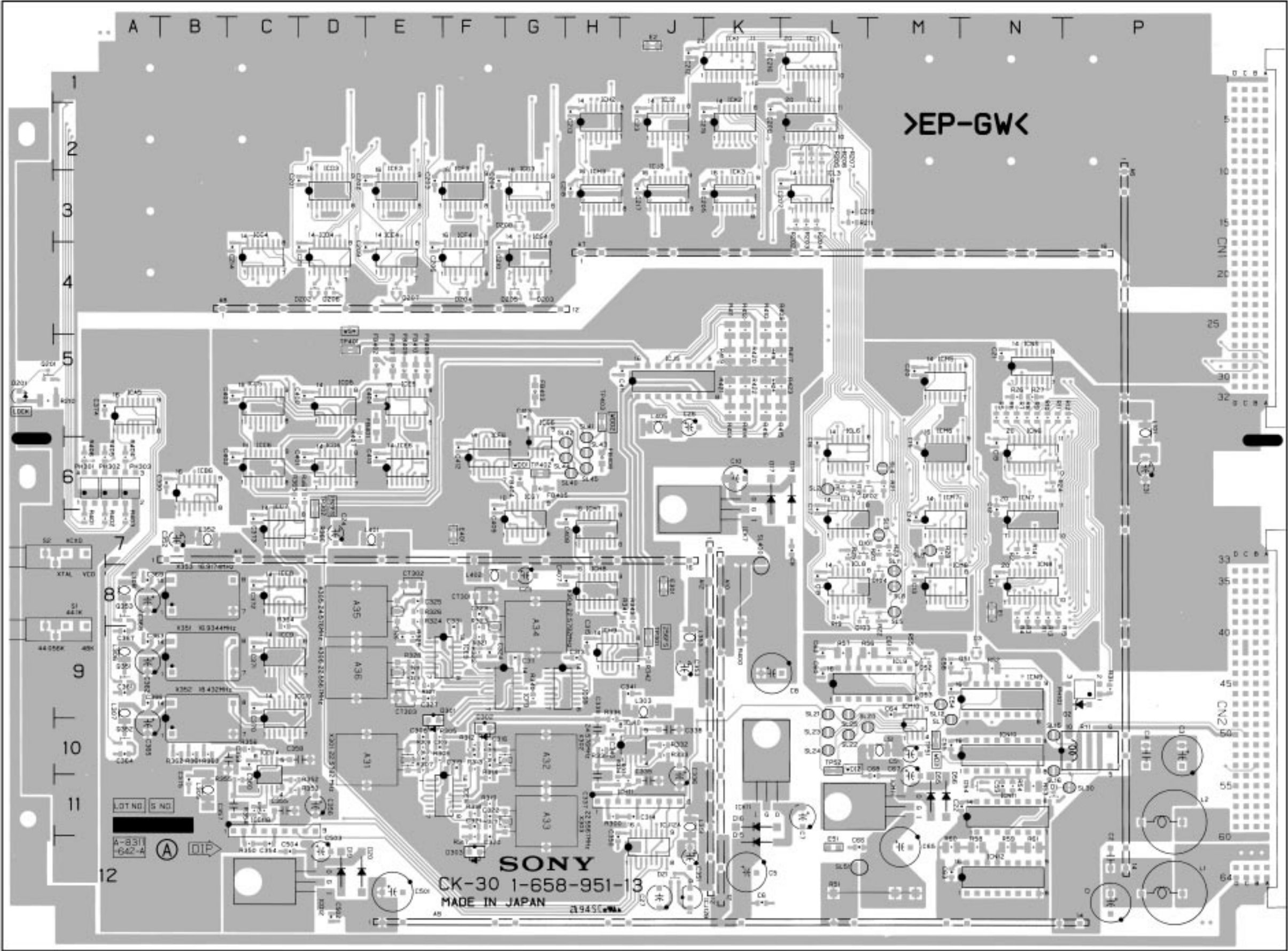
CN1	L3	ICE4A	E4
CN2	L7	ICE4B	E4
CN101	I8	ICE9A	E9
CN102	A3	ICE9B	F9
CN701	B9		
CN702	A4	ICF1	F2
CN801	A8	ICF4	F4
		ICF7	F7
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D202	B2	ICF9B	F9
D203	B5		
D204	B5	ICG1	G1
D205	B5	ICG2	G2
D206	B5	ICG3	G3
D401	G1	ICG4	G4
D402	G1	ICG6	G6
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D1105	K8	ICJ2	I2
D1106	L9	ICJ6	J6
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		ICJ8	J7
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		Q401	H2
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ICB7	B6	Q701	B9
ICB8	C8	Q702	A9
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ICB1B	A1	Q705	F8
ICB1C	B1	Q706	F9
		Q901	F7
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ICC5	B5	Q1202	E7
ICC7	C6		
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ICD5	D5	RV104	A3
ICD7	D7	RV401	H2
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ICD1B	D1	RV403	I2
ICD3A	D3	RV701	C9
ICD3B	D3	RV702	C9
ICD4A	D4	RV703	A3
ICD4B	D4	RV704	A4
ICD6A	D6	RV801	C7
ICD6B	D6	RV802	A7
ICD9A	D8	RV803	C6
ICD9B	D9		
		RY701	A9
		RY702	B9
ICE1	E2	S501	G4
ICE6	E6	S1001	A5
ICE7	E7	S1002	A6
ICE3A	E3	S1003	A6
ICE3B	E3		

ARP-5 -A SIDE-  
1-642-467-12

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TP102 G9  
TP103 I9  
TP104 I9  
TP105 J8  
TP106 J9  
TP401 H1  
TP402 H1  
TP403 J1  
TP404 K1  
TP405 K1  
TP501 J3  
TP502 J4  
TP503 H3  
TP504 H3  
TP601 A1  
TP602 A2  
TP801 B7  
TP802 B7  
TP1101 L9







CK-30 (1-658-951-13)

CN1 P3  
CN2 P9

CT301 F8  
CT302 E8  
CT303 E9

D1 O11  
D2 P9  
D3 O9  
D15 K12  
D16 K11  
D17 K6  
D18 L6  
D19 D12  
D20 D12  
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D52 M9  
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D55 M10  
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D101 L7  
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D201 A5  
D202 D4  
D203 G4  
D204 F4  
D205 G4  
D206 D4  
D207 E4  
D208 G3  
D301 E10  
D302 F10  
D303 F12

E1 O8  
E2 J1  
E51 L12  
E301 J8  
E401 F7

ICA5 A5

ICB6 B6

ICC4 C4  
ICC5 C5  
ICC6 C6  
ICC7 C7  
ICC8 C8  
ICC9 C9  
ICC10 C9  
ICC11A C10  
ICC11B C11

ICD3 D3  
ICD4 D4  
ICD5 D5  
ICD6 D6  
ICD12 D12

ICE3 E3  
ICE4 E4  
ICE5 E5  
ICE6 E6  
ICE9 E9  
ICE11 E11

ICF3 F3  
ICF4 F4  
ICF6 F6  
ICF9 F9

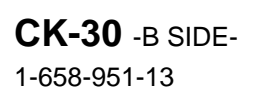
ICG3 G3  
ICG4 G4  
ICG6 G6  
ICG7 G7  
ICG9 G9

ICH2 H2  
ICH3 H3  
ICH7 H7  
ICH8 H8  
ICH9 H9  
ICH11 H11

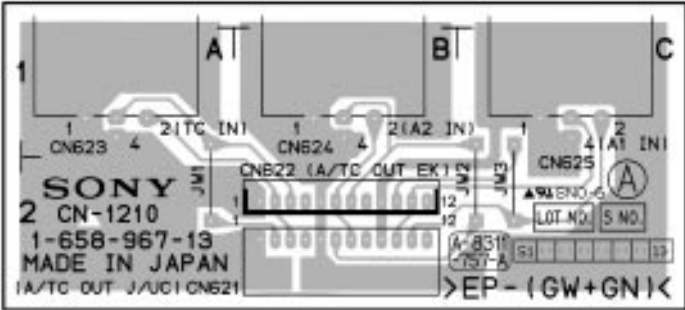
ICJ2 J2  
ICJ3 J3  
ICJ5 J5  
ICJ10 J10

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
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CK-30 -A SIDE-  
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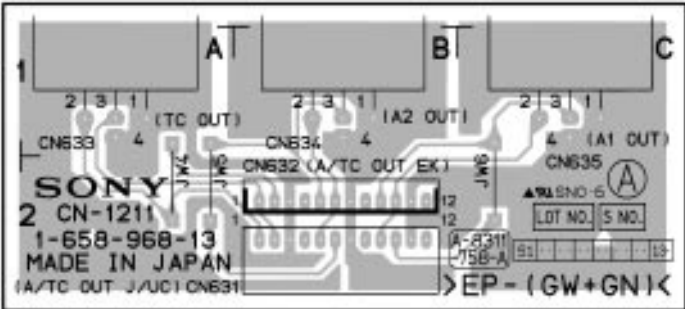


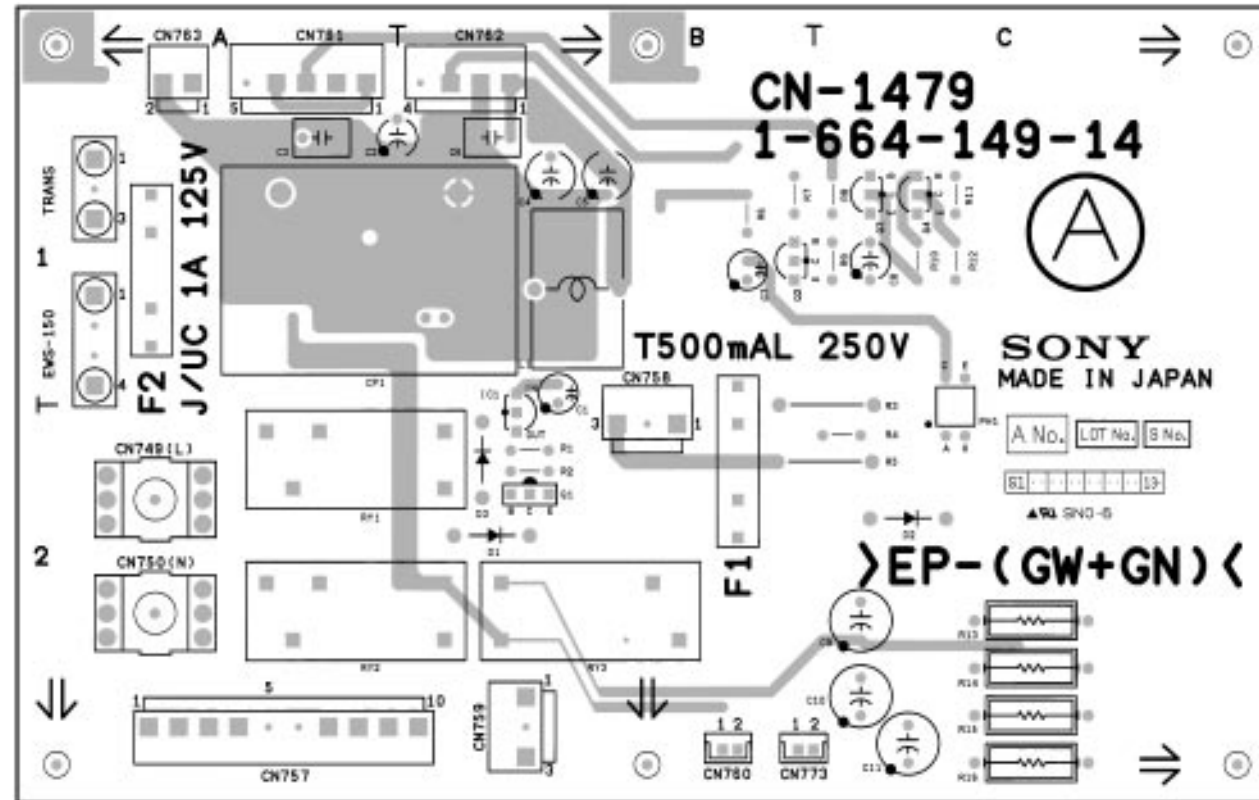




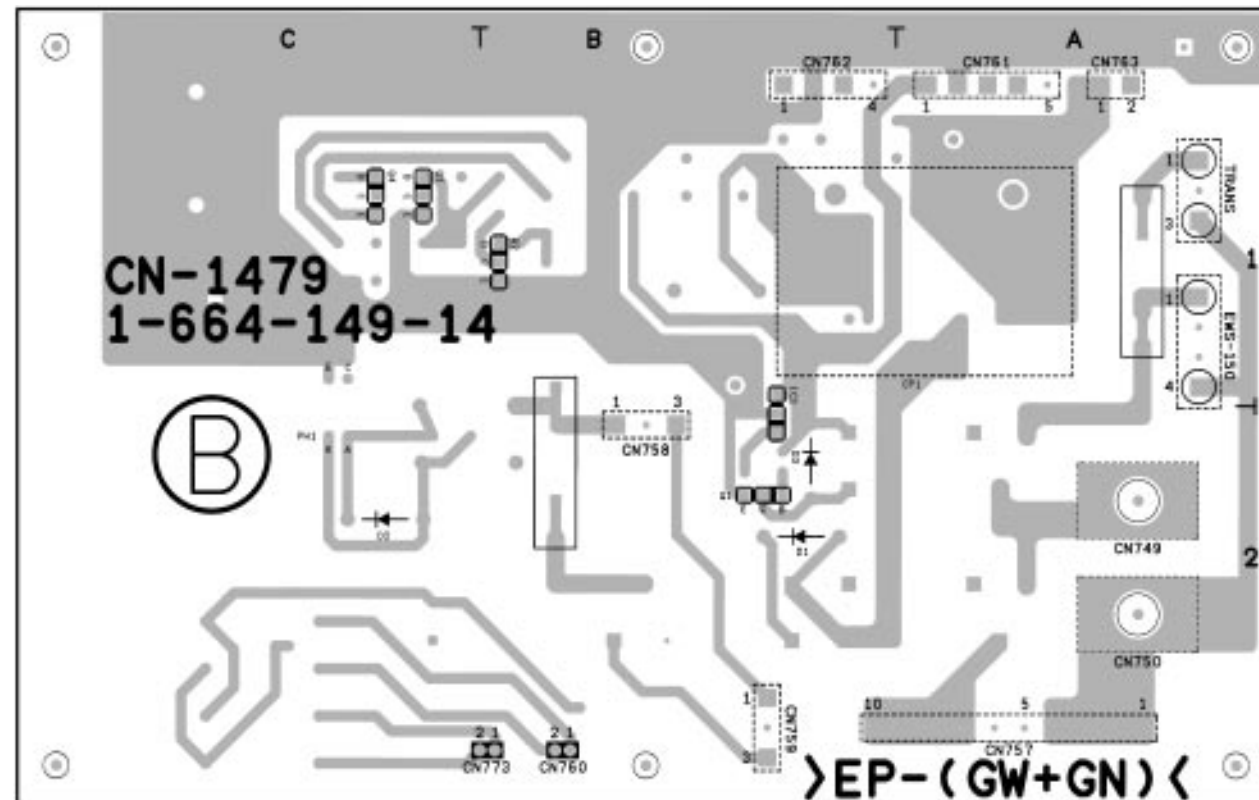
CN-1210 -A SIDE-  
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PCM-3348HR (J) : S/N 30001 and Higher



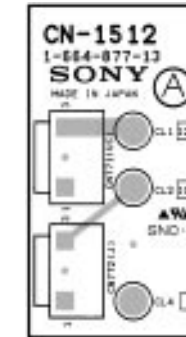


**CN-1479/1479A -A SIDE-**  
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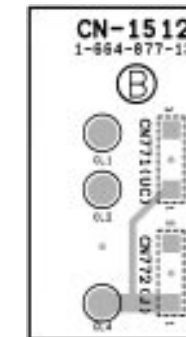
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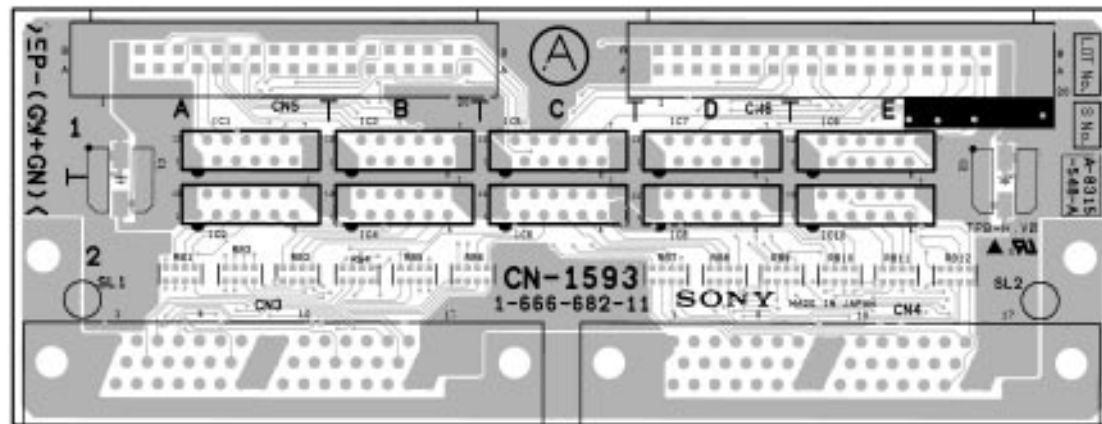


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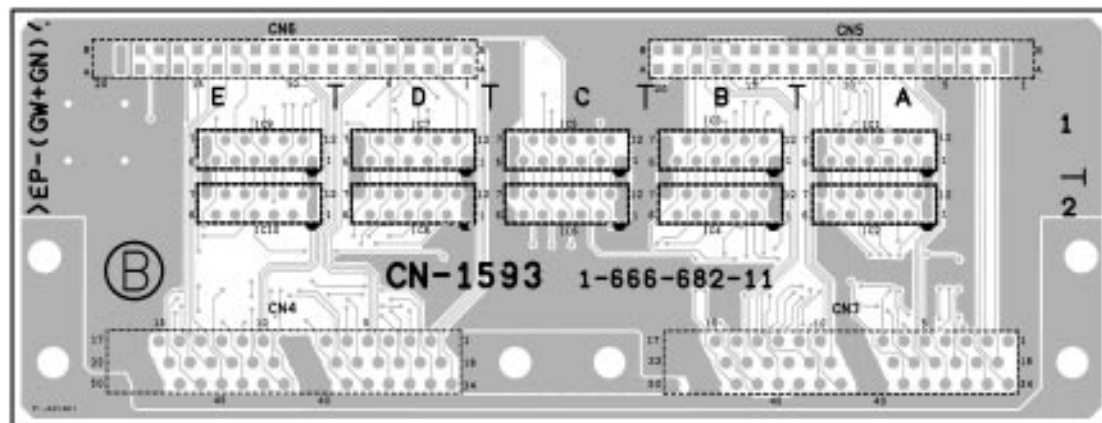


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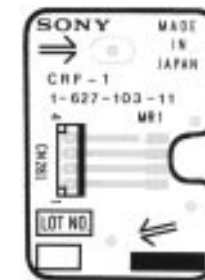


**CN-1593** -A SIDE-  
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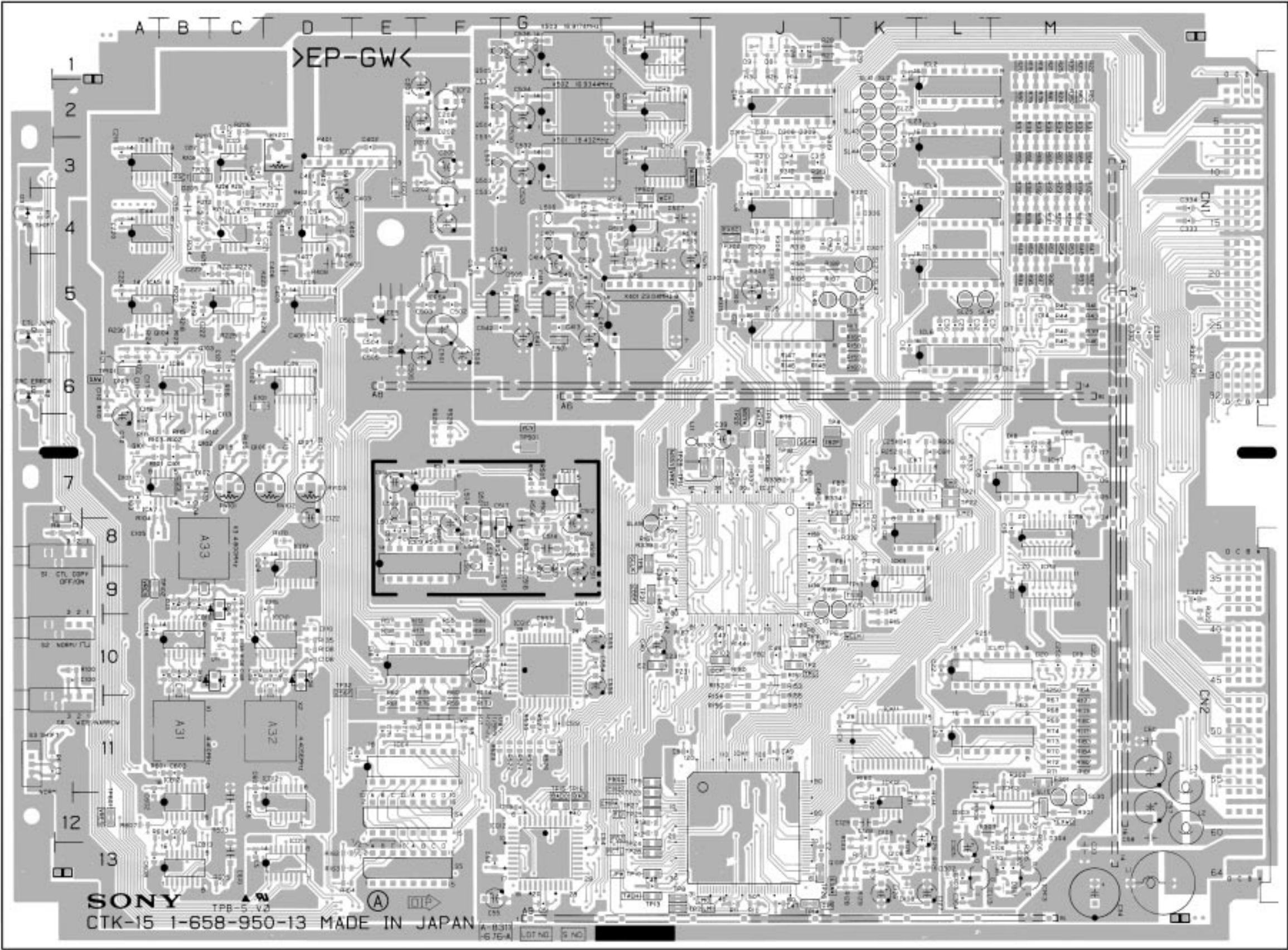
**CN-1593** -B SIDE-  
 1-666-682-11



**CRF-1** -COMPONENT SIDE-  
 1-627-103-11

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
 PCM-3348HR (J) : S/N 30001 and Higher





PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

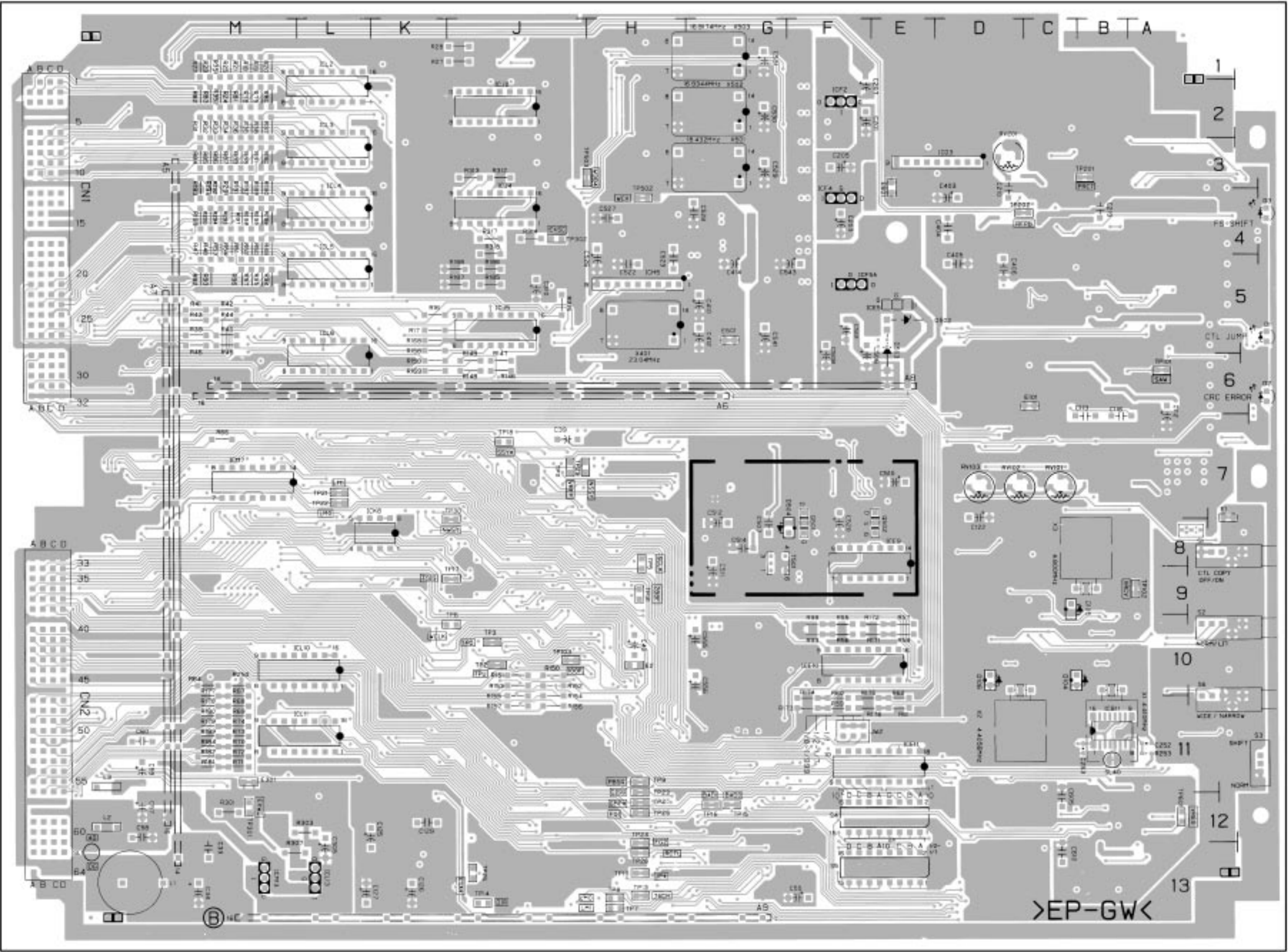
CTK-15 -A SIDE-  
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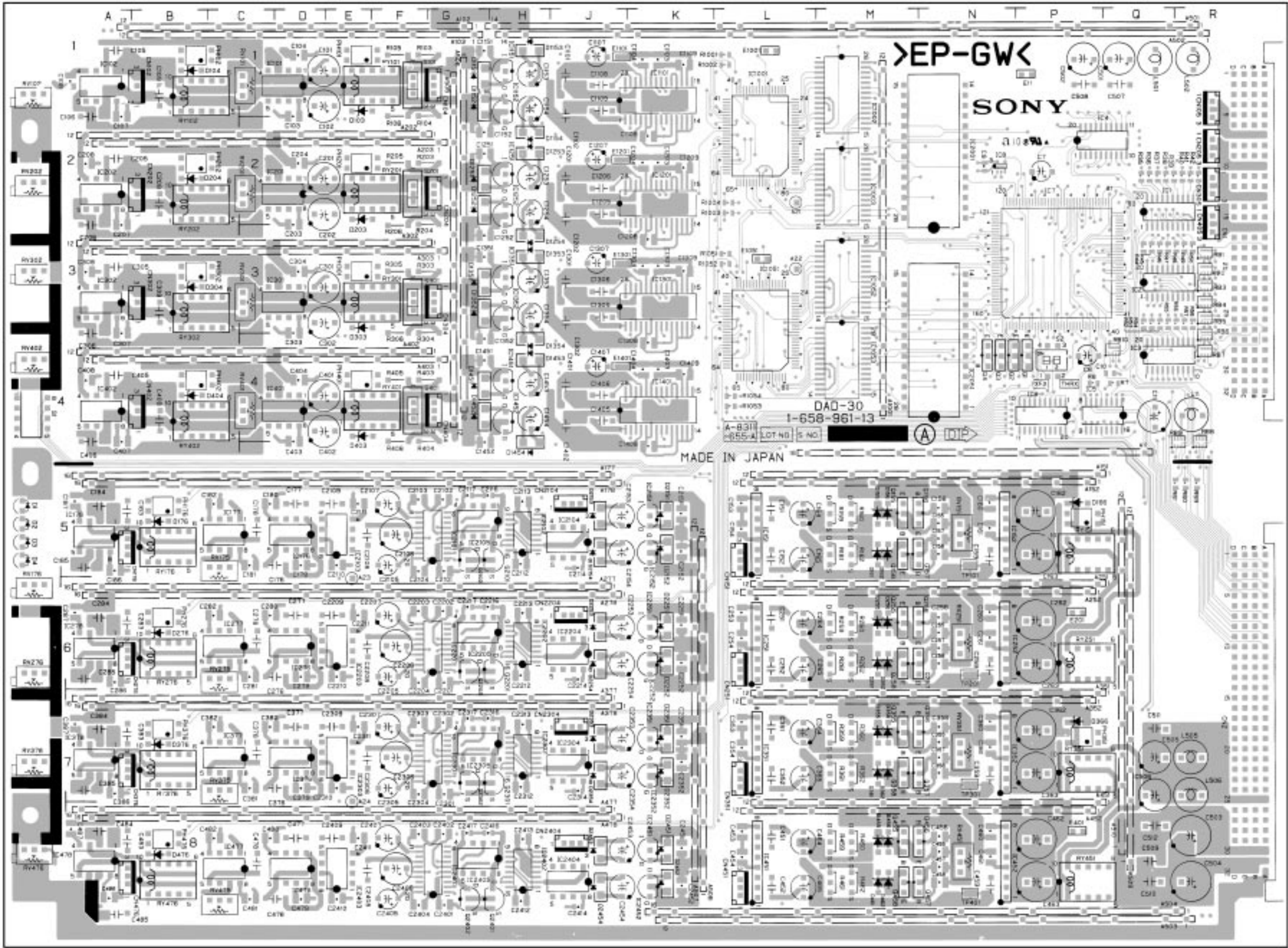
CTK-15 (1-658-950-13)

CN1	M4	ICF5A	F5
CN2	M11	ICF5B	F5
D1	A5	ICG5	G5
D2	A6	ICG7	G7
D3	A4	ICG10	G10
D4	M7	ICG12	G12
D5	M7		
D6	M7	ICH1	H1
D7	M7	ICH2	H2
D8	J1	ICH3	H3
D9	J1	ICH4	H4
D12	M6	ICH5	H5
D13	M5	ICH11	J12
D14	M5		
D15	M5	ICJ2	J2
D16	M5	ICJ4	J4
D17	M5	ICJ5	J5
D18	M7	ICJ7	J8
D19	M10		
D20	M10	ICK7	K7
D101	A7	ICK8	K8
D102	B7	ICK9	K9
D103	A6	ICK11	K11
D104	C10	ICK12	K12
D105	C9		
D106	D10	ICL2	L2
D108	K13	ICL3	L3
D109	K12	ICL4	L4
D110	D10	ICL5	L5
D111	C10	ICL6	L6
D112	C10	ICL10	L10
D201	F3	ICL11	L11
D202	F3	ICL13	L13
D205	B4		
D231	H10	ICM7	M7
D301	M13	ICM8	M8
D302	L13	ICM9	M9
D303	L12	ICM12	M12
D304	M12	ICM13	M13
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D308	J3	Q103	B5
D309	J3	Q104	B5
D310	J3	Q105	C7
D311	J3	Q106	D7
D401	G5	Q107	D7
D501	F4	Q108	K13
D502	E5	Q109	K13
D503	E5	Q501	F8
D504	F8	Q502	E8
D505	G5	Q503	F3
		Q504	F2
		Q505	F1
E1	A7		
E2	H10		
E101	C6	RV101	C7
E301	M11	RV102	D7
E501	G5	RV103	D7
E601	E3	RV201	D3
ICA3	A3	S1	A8
ICA4	A4	S2	A10
ICA5	A5	S3	A11
ICA7	B7	S4	E12
		S5	E13
		S6	A11
ICB6	B6		
ICB10	B10		
ICB12	B12	TP2	J10
ICB13	B13	TP3	J10
		TP4	J7
ICC3	C3	TP5	H8
ICC4	C4	TP6	J10
ICC5	C5	TP7	H13
ICC10	D10	TP8	H13
		TP9	H11
ICD3	D3	TP10	H13
ICD4	D4	TP11	J7
ICD5	D5	TP13	H13
ICD6	D6	TP14	J13
ICD9	D9	TP15	G12
ICD12	D12	TP16	G12
ICD13	D13	TP17	J9
		TP18	J7
ICE5	E5	TP19	J7
ICE9	E9	TP20	J7
ICE10	E10	TP21	L7
ICE11	E11	TP22	L7
		TP23	H11
ICF2	F2	TP24	H12
ICF4	F4	TP25	H12
ICF7	F7	TP26	J13



- |       |     |
|-------|-----|
| TP27  | H12 |
| TP28  | H13 |
| TP29  | J7  |
| TP30  | J8  |
| TP31  | H9  |
| TP32  | E10 |
| TP101 | A6  |
| TP102 | A9  |
| TP103 | J10 |
| TP201 | B3  |
| TP202 | C4  |
| TP301 | M12 |
| TP302 | J4  |
| TP501 | G7  |
| TP502 | H4  |
| TP503 | H3  |
| TP601 | A12 |
| T501  | G8  |
| X1    | B10 |
| X2    | D10 |
| X3    | B9  |
| X401  | H5  |
| X501  | G3  |
| X502  | G2  |
| X503  | G1  |





PCM-3348HR (J) : S/N 30001 and Higher  
DABK-3343HR : S/N 10001 and Higher

DAD-30 -A SIDE-  
1-658-961-13

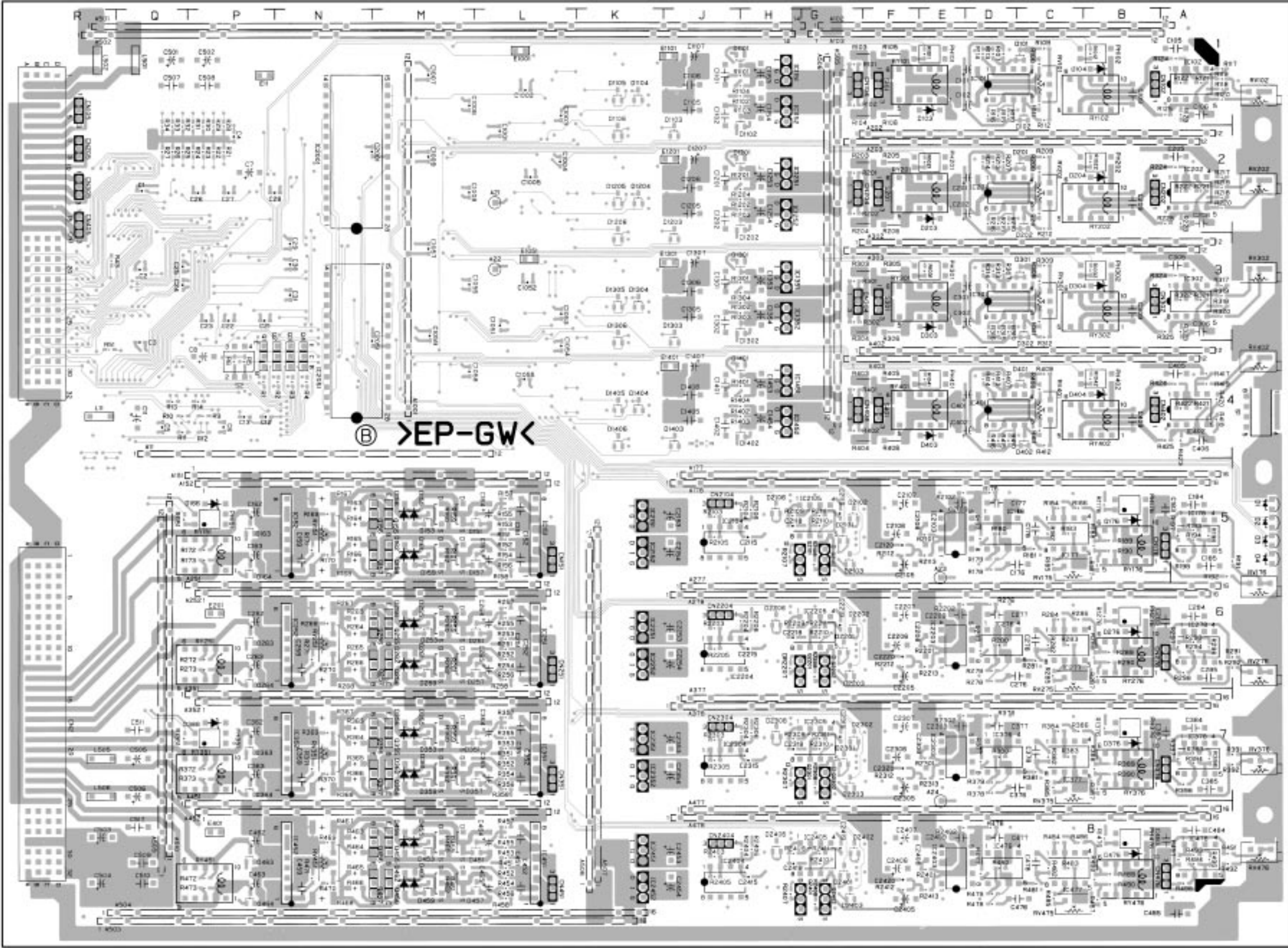
DAD-30 (1-658-961-13)

※: B SIDE

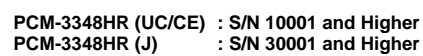
CN1	R3	D1302	*H3
CN2	R7	D1303	*J3
CN102	B1	D1304	*K3
CN104	G1	D1305	*K3
CN105	R1	D1306	*K3
CN151	L5	D1351	G3
CN176	A5	D1352	G3
CN202	B2	D1353	H3
CN204	G2	D1354	H4
CN205	R2	D1401	*H4
CN251	L6	D1402	*H4
CN276	A6	D1403	*J4
CN302	B3	D1404	*K4
CN304	G3	D1405	*K4
CN305	R2	D1406	*K4
CN351	L7	D1451	G4
CN376	A7	D1452	G4
CN402	B4	D1453	H4
CN404	G4	D1454	H5
CN405	R3	D2101	*G5
CN451	L8	D2102	*G5
CN476	A8	D2103	*G5
CN2104	J5	D2106	*H5
CN2204	J6	D2151	K5
CN2304	J7	D2152	K5
CN2404	J8	D2153	J5
		D2154	J5
D1	A5	D2201	*G6
D2	A5	D2202	*G6
D3	A5	D2203	*G6
D4	A5	D2206	*H6
D101	*C1	D2251	K6
D102	*C1	D2252	K6
D103	E1	D2253	J6
D104	B1	D2254	J6
D151	*L5	D2301	*G7
D157	*L5	D2302	*G7
D163	*P5	D2303	*G7
D164	*P5	D2306	*H7
D166	P5	D2351	K7
D176	B5	D2352	K7
D201	*C2	D2353	J7
D202	*C2	D2354	J7
D203	E2	D2401	*G8
D204	B2	D2402	*G8
D251	*L6	D2403	*G8
D257	*L6	D2406	*H8
D263	*P6	D2451	K8
D264	*P6	D2452	K8
D276	B6	D2453	J8
D301	*C3	D2454	J8
D302	*C3		
D303	E3	E11	P1
D304	B3	E201	P6
D351	*L7	E401	P8
D357	*L7	E1001	L1
D363	*P7	E1051	L3
D364	*P7	E1101	J1
D366	P7	E1201	J2
D376	B7	E1301	J3
D401	*C4	E1401	J4
D402	*C4		
D403	E4	IC1	Q2
D404	B4	IC2	Q3
D451	*L8	IC3	Q4
D457	*L8	IC4	P2
D463	*P8	IC5	P4
D464	*P8	IC6	P4
D476	B8	IC7	P3
D1101	*H1	IC8	N2
D1102	*H1	IC101	D1
D1103	*J2	IC102	A1
D1104	*K1	IC151	L5
D1105	*K1	IC152	N5
D1106	*K2	IC176	D5
D1151	G1	IC177	C5
D1152	G1	IC178	A5
D1153	H1	IC201	D2
D1154	H2	IC202	A2
D1201	*H2	IC251	L6
D1202	*H2	IC252	N6
D1203	*J3	IC276	D6
D1204	*K2	IC277	C6
D1205	*K2	IC278	A6
D1206	*K3	IC301	D3
D1251	G2	IC302	A3
D1252	G2	IC351	L7
D1253	H2	IC352	N7
D1254	H3	IC376	D7
D1301	*H3	IC377	C7



IC378	A7	Q457	M8
IC401	D4	Q458	M8
IC402	A4	Q2101	H5
IC451	L8	Q2102	G5
IC452	N8	Q2201	H6
IC476	D8	Q2202	G6
IC477	C8	Q2301	H7
IC478	A8	Q2302	G7
IC1001	L2	Q2401	H8
IC1002	M1	Q2402	G8
IC1003	M2		
IC1051	L3	RB1	R3
IC1052	M3	RB2	R3
IC1053	M4	RB3	R3
IC1101	K1	RB4	R3
IC1151	H1	RB5	R3
IC1152	H1	RB6	R4
IC1201	K2	RB7	R4
IC1251	H2	RB8	R5
IC1252	H2	RB9	R5
IC1301	K3	RB10	Q4
IC1351	H3		
IC1352	H3	RV101	C1
IC1401	K4	RV102	A1
IC1451	H4	RV151	N5
IC1452	H4	RV176	A6
IC2001	N2	RV201	C2
IC2051	N4	RV202	A2
IC2101	G5	RV251	N6
IC2102	H5	RV276	A6
IC2103	B5	RV301	C3
IC2104	J5	RV302	A3
IC2105	H5	RV351	N7
IC2151	K5	RV376	A7
IC2152	K5	RV401	C4
IC2201	G6	RV402	A4
IC2202	H6	RV451	N8
IC2203	B6	RV476	A8
IC2204	J6		
IC2205	H6	RY101	E1
IC2251	K6	RY102	B1
IC2252	K6	RY151	P5
IC2301	G7	RY176	B5
IC2302	H7	RY201	E2
IC2303	E7	RY202	B2
IC2304	J7	RY251	P6
IC2305	H7	RY276	B6
IC2351	K7	RY301	E3
IC2352	K7	RY302	B3
IC2401	G8	RY351	P7
IC2402	H8	RY376	B7
IC2403	E8	RY401	E4
IC2404	J8	RY402	B4
IC2405	H8	RY451	P8
IC2451	K8	RY476	B8
IC2452	K8		
PH101	F1	S1	A4
PH102	C1	S2	P4
PH151	P5	S101	F1
PH176	B5	S201	F2
PH201	F2	S301	F3
PH202	C2	S401	F4
PH276	B6	TP101	N5
PH301	F3	TP201	N6
PH302	C3	TP301	N7
PH351	P7	TP401	N8
PH376	B7		
PH401	F4		
PH402	C4		
PH476	B8		
Q1	P4		
Q2	N4		
Q3	N4		
Q4	N4		
Q155	M5		
Q156	M5		
Q157	M5		
Q158	M5		
Q255	M6		
Q256	M6		
Q257	M6		
Q258	M6		
Q355	M7		
Q356	M7		
Q357	M7		
Q358	M7		
Q455	M8		
Q456	M8		







**DAP-14** -A SIDE-  
1-663-800-13

CN1	Q7
D1	A2
D2	A2
D3	A2
D4	A3
D5	A3
D6	A3
D7	A4
D8	A4
E1	A1
E2	A4
E3	A9
E4	G1
E5	J4
E6	H9
E7	M1
E8	Q2
E9	N5
E10	Q9
ICA1	B1
ICA2	A2
ICA4	A4
ICA6	A6
ICA8	A8
ICA5A	A5
ICA5B	A5
ICB2	B2
ICB4	B4
ICB5	B5
ICB6	B6
ICB7	B7
ICB8	B8
ICC1	D1
ICC2	C2
ICC4	C4
ICC6	C6
ICC7	C7
ICC8	C8
ICC9	C9
ICD2	D2
ICD4	D4
ICD8	D8
ICD9	D9
ICE2	E3
ICF1	F1
ICF4	G3
ICF5	F5
ICF6	F6
ICF9	F8
ICG1	H1
ICG5	G5
ICJ1	K1
ICJ5	J5
ICJ6	J6
ICJ9	K8
ICK4	L3
ICL1	L1
ICL5	L5
ICM5	M5
ICM6	M6
ICM7	M8
ICM8	M9
ICN1	N1
ICN2	N2
ICN3	N3
ICN4	N4
ICN5	N6
ICN7	N7
ICN8	N9
ICP1	P1
ICP2	P2
ICP3	P3
ICP4	P4
ICR2	Q2
ICR3	Q3
ICR4	Q4

- RB1

RB2

RB3

RB7

RB8

RB9

RB12

RB15

RB16

S1

TP1

TP2

TP3

TP4

TP5

TP6

TP7

TP8

TP9

TP10

TP11

TP12
- A7

B9

N9

N4

N6

N6

P4

P7

P9

A7

A1

A1

A1

A7

D2

B5

C9

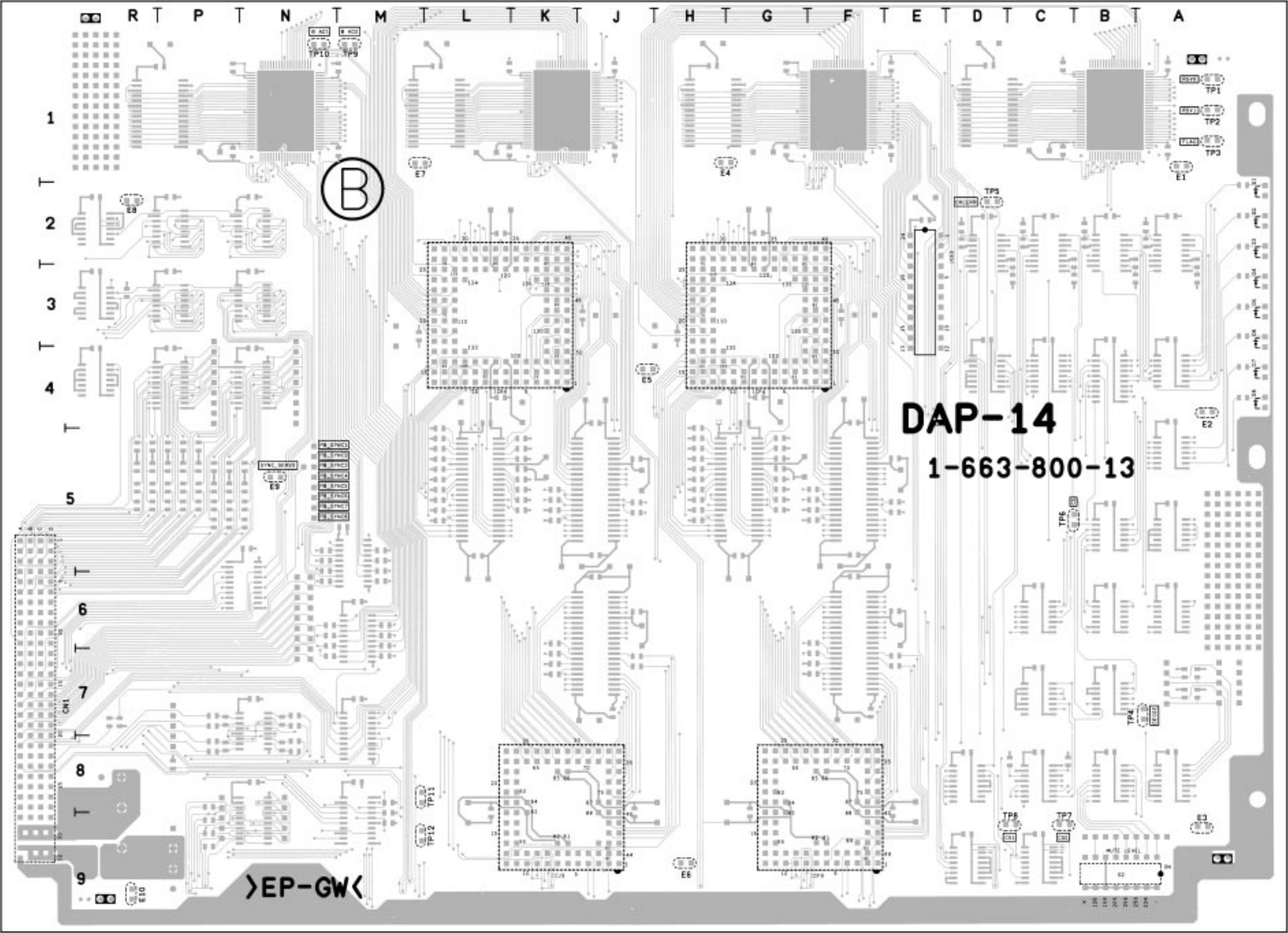
C9

M1

N1

M8

M9



DAP-14 -B SIDE-  
1-663-800-13





DET-28 (1-658-945-12)

\*: B SIDE

CN1 N1  
CN2 N7  
CN3 H4  
CN4 J4

E1 A7  
E2 F7  
E3 N7  
E4 A1  
E5 F1  
E6 N1  
E7 A3  
E8 B5  
E9 J4  
E10 N2

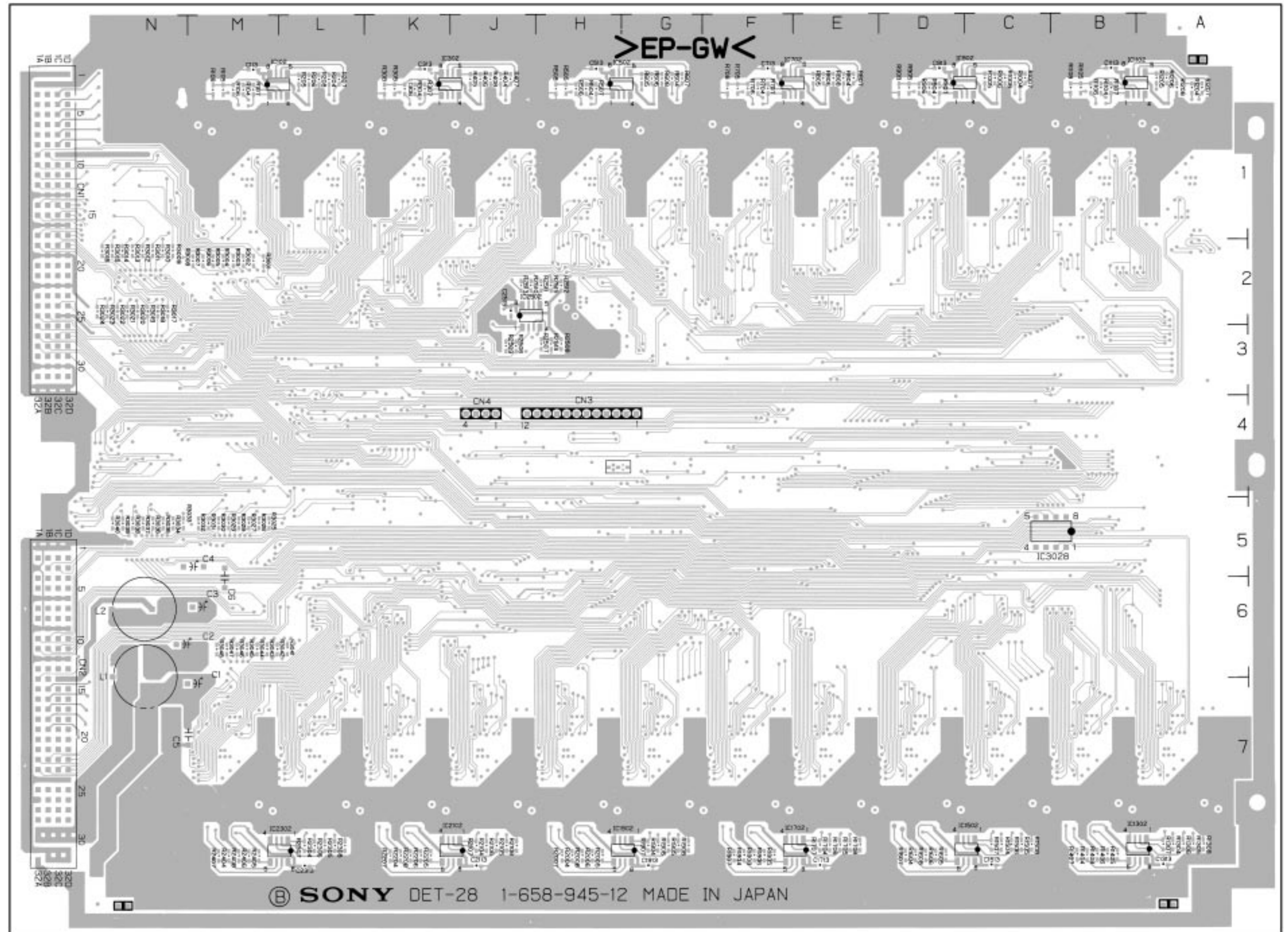
IC101 M1  
IC102 \*L1  
IC201 L1  
IC301 K1  
IC302 \*J1  
IC401 J1  
IC501 H1  
IC502 \*G1  
IC601 G1  
IC701 F1  
IC702 \*E1  
IC801 E1  
IC901 D1  
IC902 \*C1  
IC1001 C1  
IC1101 B1  
IC1102 \*A1  
IC1201 A1  
IC1301 A7  
IC1302 \*A7  
IC1401 B7  
IC1501 C7  
IC1502 \*C7  
IC1601 D7  
IC1701 E7  
IC1702 \*E7  
IC1801 F7  
IC1901 G7  
IC1902 \*G7  
IC2001 H7  
IC2101 J7  
IC2102 \*J7  
IC2201 K7  
IC2301 L7  
IC2302 \*L7  
IC2401 M7  
IC2501 H2  
IC2502 \*J2  
IC3001 M2  
IC3002 N2  
IC3003 N3  
IC3004 M5  
IC3005 N5  
IC3006 M6  
IC3007 L5  
IC3008 L3  
IC3009 K3  
IC3010 M4  
IC3011 M3  
IC3012 N4  
IC3013 K4  
IC3014 L4  
IC3015 J4  
IC3016 G5  
IC3017 H4  
IC3018 J6  
IC3019 H5  
IC3020 J5  
IC3021 F5  
IC3022 G4  
IC3023 F4  
IC3024 E4  
IC3026 D4  
IC3027 C5  
IC3028 B5  
IC4001 K2  
IC4002 F2  
IC4003 B2  
IC4004 C6  
IC4005 F6  
IC4006 K6

RB1 L4  
RB2 M3

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

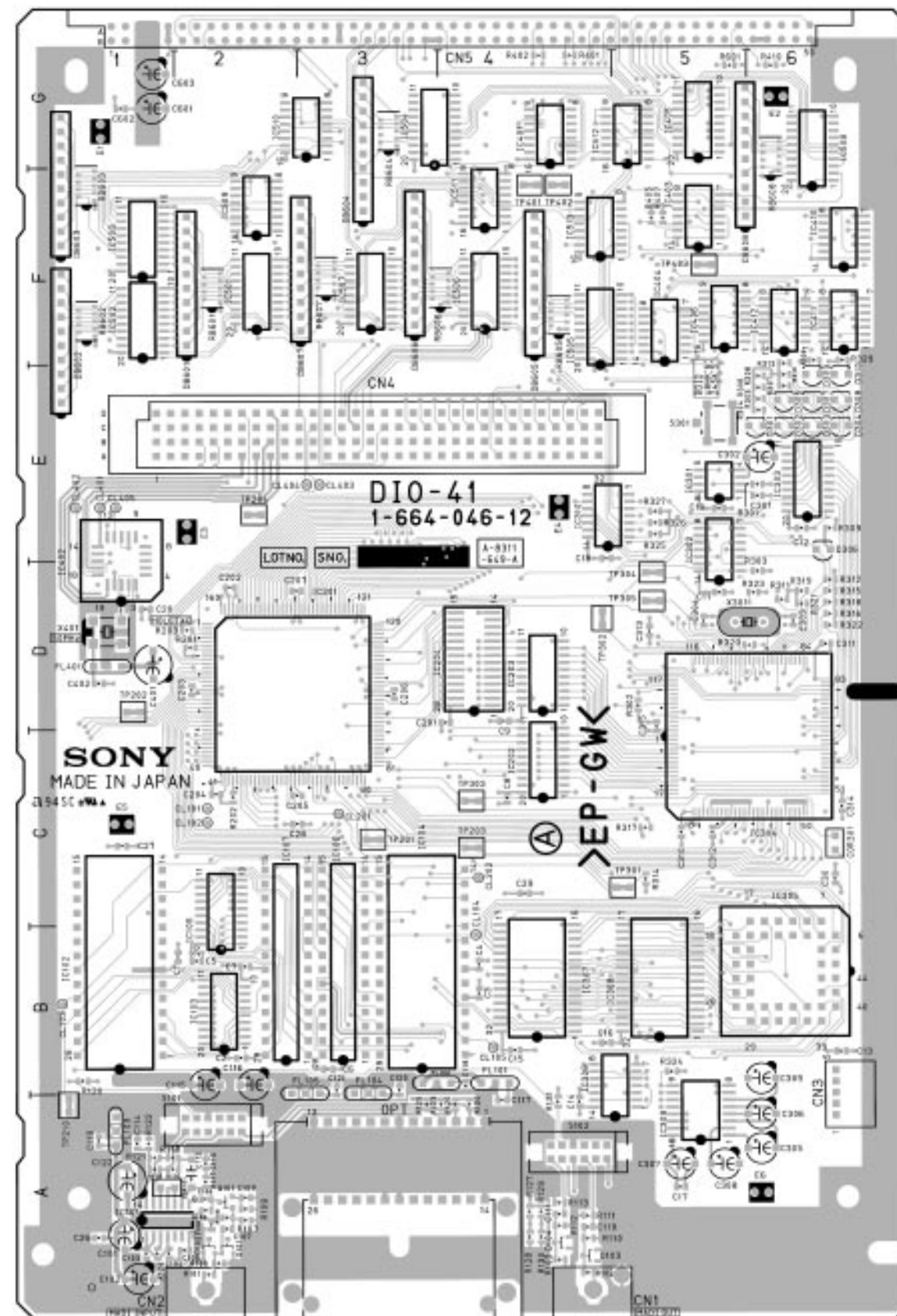
DET-28 -A SIDE-  
1-658-945-12

RB3	K5
RB4	K4
RB5	L5
RB6	L4
TP1	K5
TP2	K5
TP3	J2
TP4	J2
TP101	M1
TP201	L1
TP301	K1
TP401	J1
TP501	H1
TP601	G1
TP701	F1
TP801	E1
TP901	D1
TP1001	C1
TP1101	B1
TP1201	A1
TP1301	A7
TP1401	B7
TP1501	C7
TP1601	D7
TP1701	E7
TP1801	F7
TP1901	G7
TP2001	H7
TP2101	J7
TP2201	K7
TP2301	L7
TP2401	M7



**DET-28** -B SIDE-  
1-658-945-12





PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

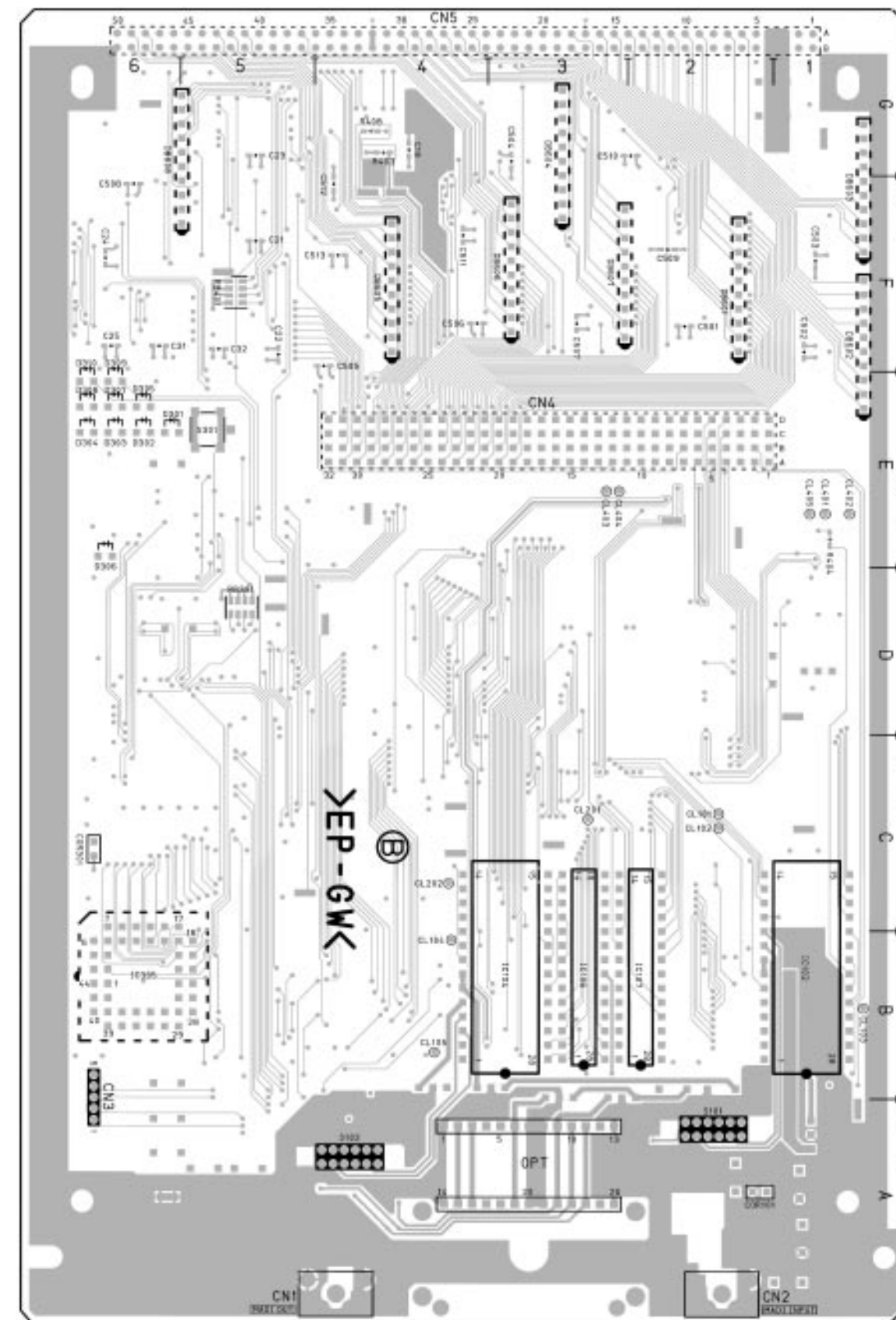
**DIO-41 -A SIDE-**  
1-664-046-12

DIO-41 (1-664-046-12)

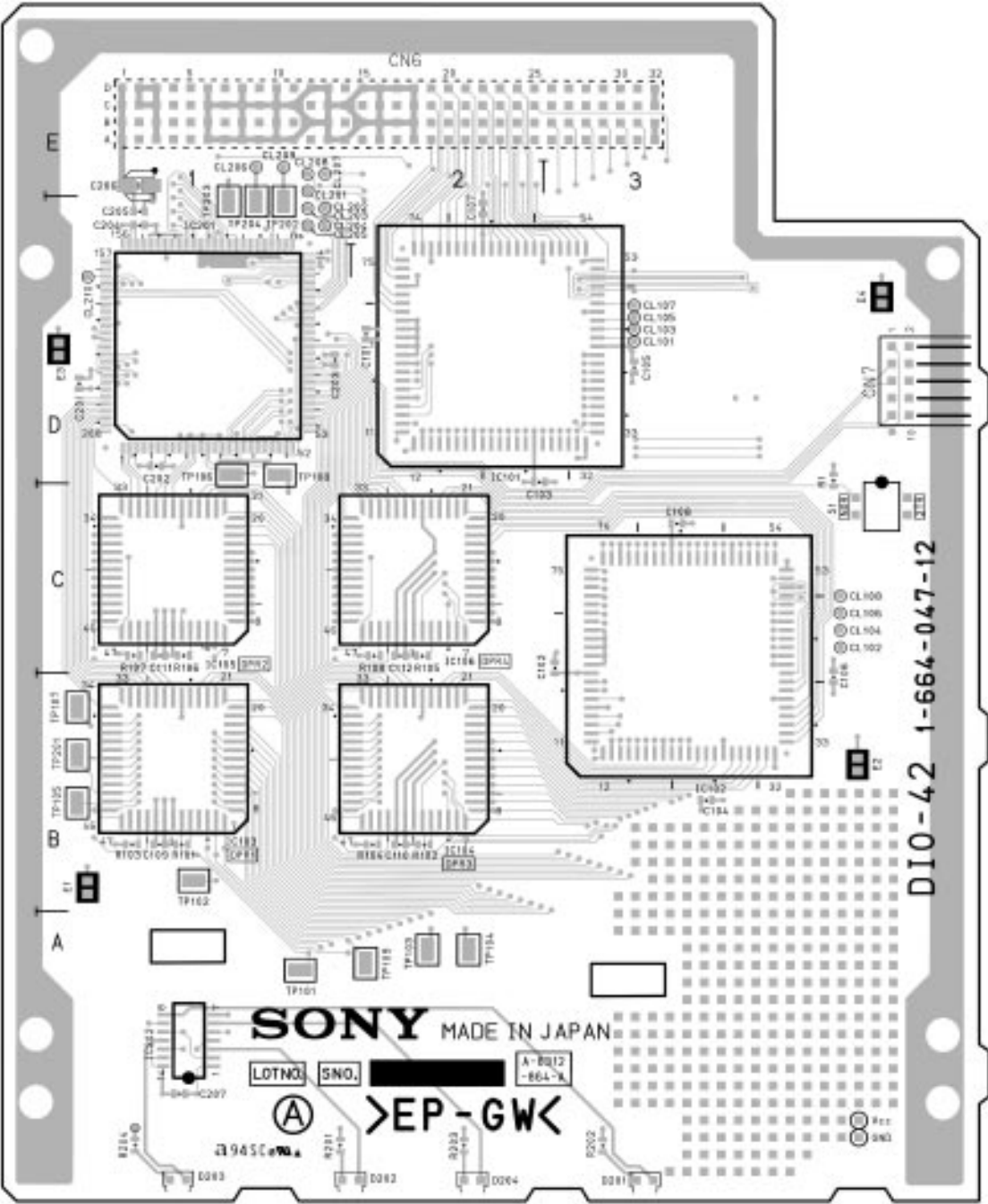
※: B SIDE

CN1	A4	RB401	*F5
CN2	A2	RB601	F2
CN3	B6	RB602	F1
CN4	E3	RB603	F1
CN5	G4	RB604	G3
		RB605	F4
		RB606	F4
DB601	F2	RB607	F3
DB602	E1	RB608	G6
DB603	F1		
DB604	F3		
DB605	F4	S101	A2
DB606	F3	S102	A4
DB607	F3	S301	E5
DB608	F5		
		TP201	C3
D101	A2	TP202	D1
D102	A2	TP203	C4
D103	A4	TP204	E2
D104	A4	TP210	A1
D301	E6	TP301	C5
D302	E6	TP302	D4
D303	E6	TP303	C4
D304	E6	TP304	D5
D305	E6	TP305	D5
D306	E6	TP401	F4
D307	E6	TP402	F4
D308	E6	TP403	F5
D309	E6		
D310	E6	X301	D6
		X401	D1
E1	G1		
E2	G6		
E3	E2		
E4	E4		
E5	C1		
E6	A6		
FL101	B4		
FL102	B3		
FL103	A1		
FL104	B3		
FL105	B3		
FL401	D1		
IC101	A1		
IC102	B1		
IC103	B2		
IC104	B4		
IC105	B2		
IC106	B3		
IC107	B3		
IC201	D2		
IC202	C4		
IC203	D4		
IC204	D4		
IC301	E5		
IC302	D5		
IC303	E6		
IC304	C6		
IC305	B6		
IC306	A5		
IC307	B4		
IC308	B5		
IC309	A5		
IC310	E5		
IC401	G4		
IC402	E1		
IC403	F5		
IC404	F5		
IC405	G5		
IC410	F6		
IC411	F6		
IC412	F6		
IC501	F2		
IC502	F1		
IC503	F1		
IC504	G4		
IC505	F5		
IC506	F4		
IC507	F3		
IC508	F6		
IC509	F2		
IC510	G3		
IC511	F4		
IC512	G5		
IC513	F5		

Q101	A2
RB301	*D5



**DIO-41 -B SIDE-**  
1-664-046-12



PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

DIO-42 -A SIDE-  
1-664-047-12

DIO-42 (1-664-047-12)

※: B SIDE

CN6 \*E2  
CN7 D3

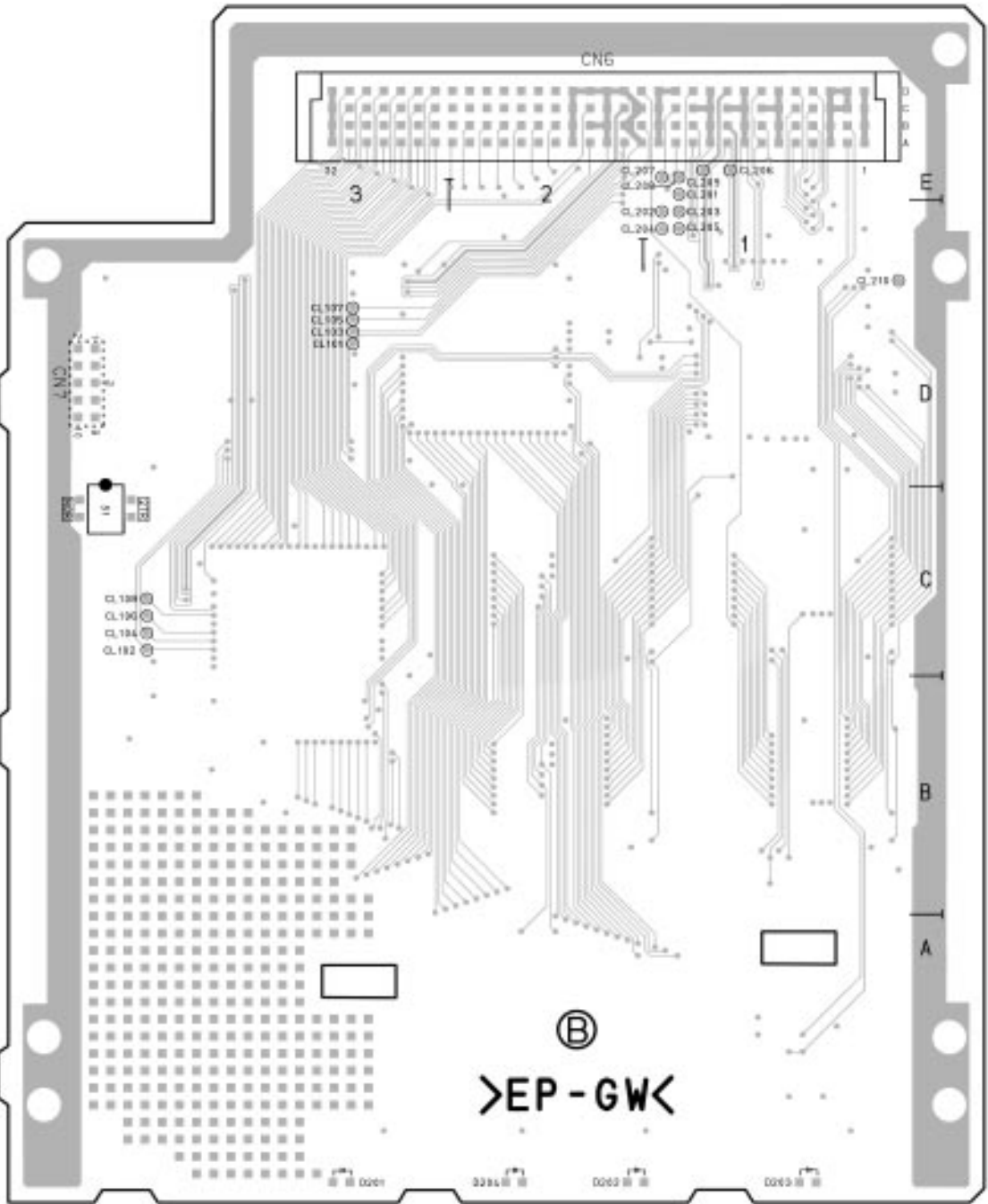
D201 A3  
D202 A2  
D203 A1  
D204 A2

E1 B1  
E2 B3  
E3 D1  
E4 D3

IC101 D2  
IC102 C3  
IC103 B1  
IC104 B2  
IC105 C1  
IC106 C2  
IC201 D1  
IC202 A1

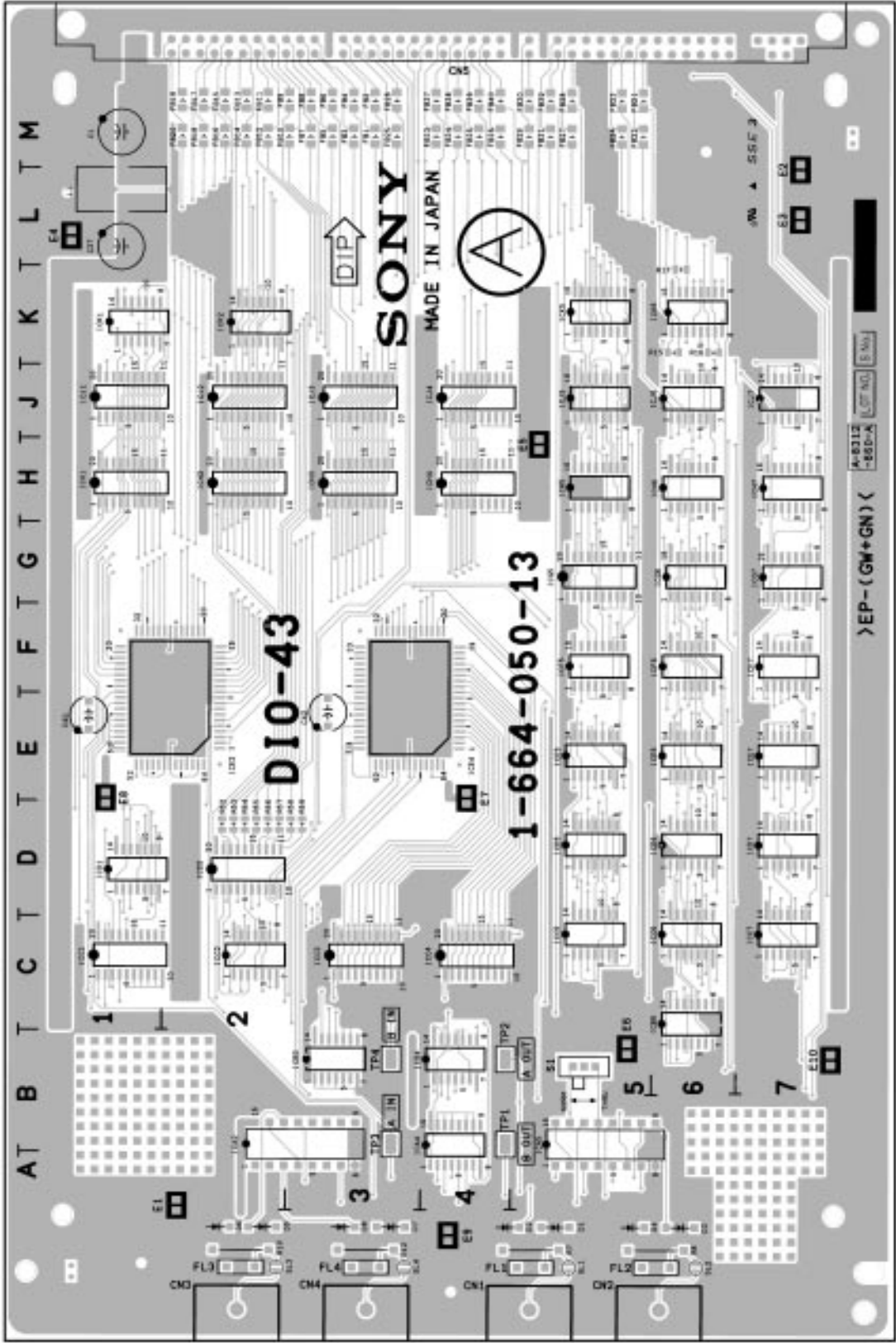
S1 C3

TP101 A1  
TP102 B1  
TP103 A2  
TP104 A2  
TP105 B1  
TP106 D1  
TP107 B1  
TP108 D1  
TP109 A2  
TP201 B1  
TP202 D1  
TP203 D1  
TP204 D1



DIO-42 -B SIDE-  
1-664-047-12



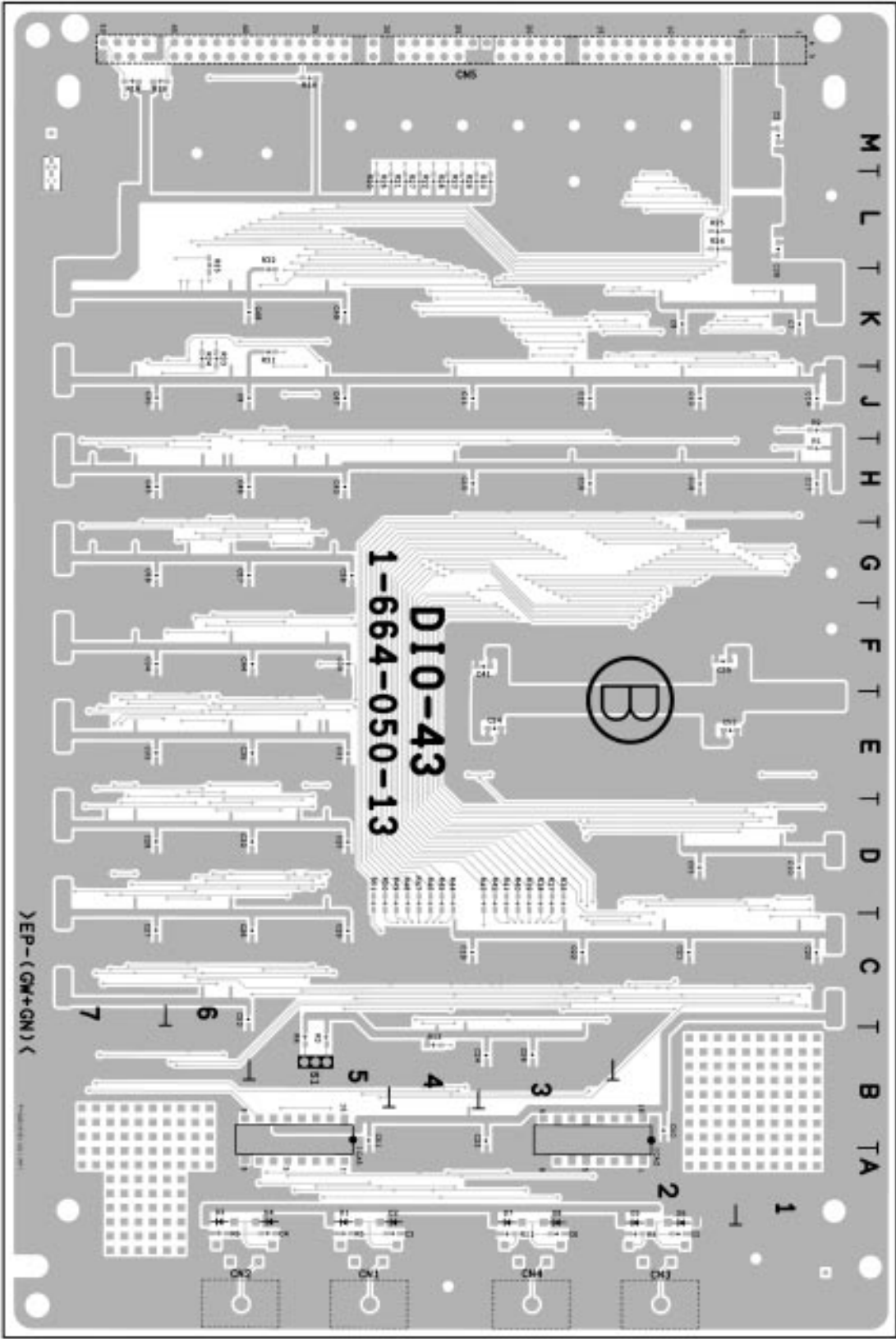


PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

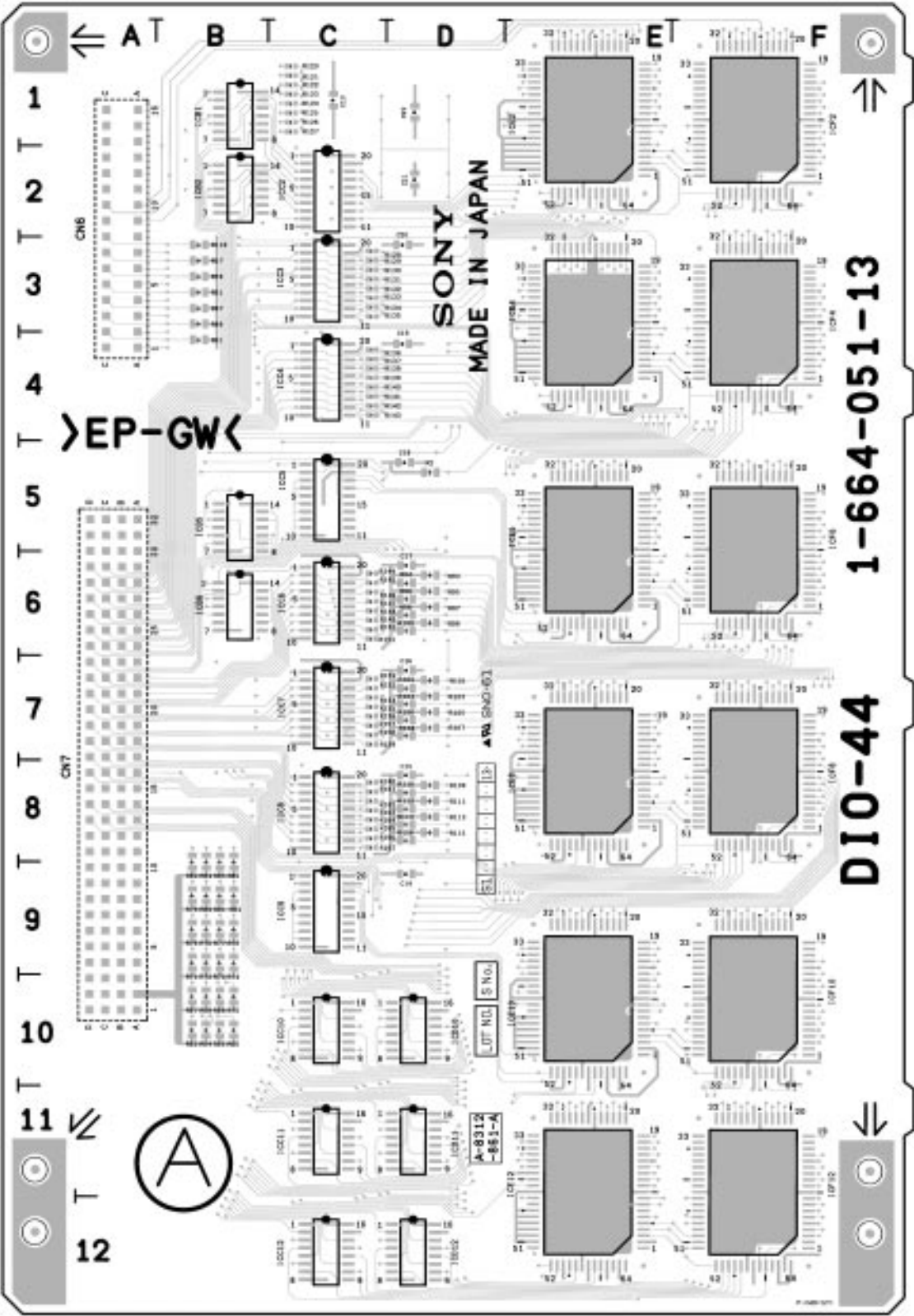
DIO-43 -A SIDE-  
1-664-050-13

DIO-43 (1-664-050-13)

CN1	A5	TP1	B4
CN2	A6	TP2	B4
CN3	A2	TP3	B3
CN4	A3	TP4	B3
CN5	M4		
D1	A5		
D2	A4		
D3	A6		
D4	A5		
D5	A2		
D6	A2		
D7	A3		
D8	A3		
E1	A2		
E2	L7		
E3	L7		
E4	L1		
E5	H5		
E6	B5		
E7	E4		
E8	E1		
E9	A4		
E10	B7		
FL1	A5		
FL2	A6		
FL3	A2		
FL4	A3		
ICA2	B3		
ICA4	B4		
ICA5	B5		
ICB3	B3		
ICB4	B4		
ICB6	C6		
ICC1	C1		
ICC2	C2		
ICC3	C3		
ICC4	C4		
ICC5	C5		
ICC6	C6		
ICC7	C7		
ICD1	D1		
ICD2	D2		
ICD5	D5		
ICD6	D6		
ICD7	D7		
ICE2	E2		
ICE4	E3		
ICE5	E5		
ICE6	E6		
ICE7	E7		
ICF5	F5		
ICF6	F6		
ICF7	F7		
ICG5	G5		
ICG6	G6		
ICG7	G7		
ICH1	H1		
ICH2	H2		
ICH3	H3		
ICH4	H4		
ICH5	H5		
ICH6	H6		
ICH7	H7		
ICJ1	J1		
ICJ2	J2		
ICJ3	J3		
ICJ4	J4		
ICJ5	J5		
ICJ6	J6		
ICJ7	J7		
ICK1	K1		
ICK2	K2		
ICK5	K5		
ICK6	K6		
L1	L1		
S1	B5		



DIO-43 -B SIDE-  
1-664-050-13

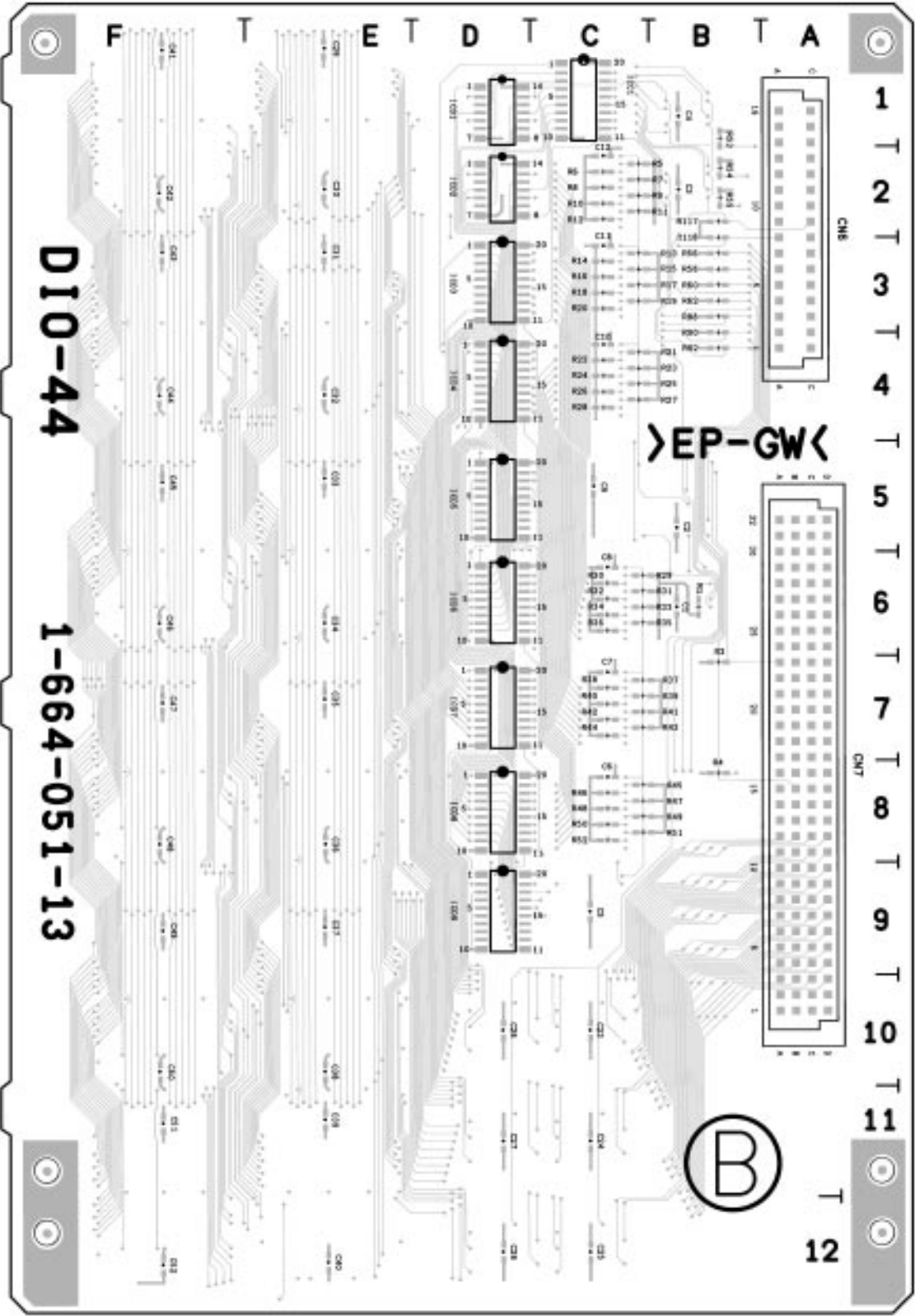


PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

**DIO-44 -A SIDE-**  
1-664-051-13

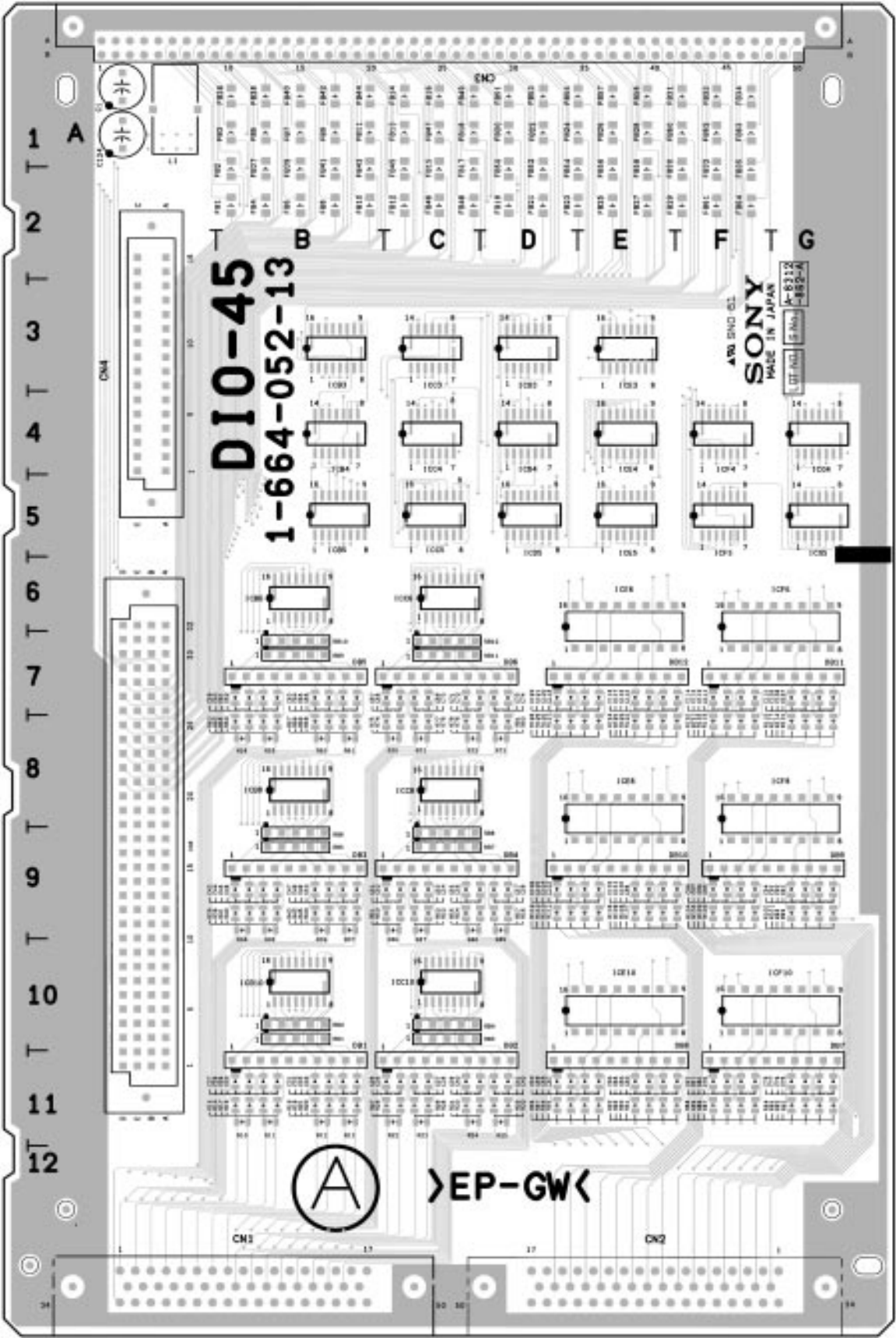
DIO-44 (1-664-051-13)

- \*: B SIDE
- |       |     |
|-------|-----|
| CN6   | *A2 |
| CN7   | *A8 |
| ICB1  | B1  |
| ICB2  | B2  |
| ICB5  | B5  |
| ICB6  | B6  |
| ICC1  | *C1 |
| ICC2  | C2  |
| ICC3  | C3  |
| ICC4  | C4  |
| ICC5  | C5  |
| ICC6  | C6  |
| ICC7  | C7  |
| ICC8  | C8  |
| ICC9  | C9  |
| ICC10 | C10 |
| ICC11 | C11 |
| ICC12 | C12 |
| ICD1  | *D1 |
| ICD2  | *D2 |
| ICD3  | *D3 |
| ICD4  | *D4 |
| ICD5  | *D5 |
| ICD6  | *D6 |
| ICD7  | *D7 |
| ICD8  | *D8 |
| ICD9  | *D9 |
| ICD10 | D10 |
| ICD11 | D11 |
| ICD12 | D12 |
| ICE2  | E1  |
| ICE4  | E3  |
| ICE6  | E5  |
| ICE8  | E8  |
| ICE10 | E10 |
| ICE12 | E11 |
| ICF2  | F1  |
| ICF4  | F3  |
| ICF6  | F5  |
| ICF8  | F8  |
| ICF10 | F10 |
| ICF12 | F11 |



**DIO-44 -B SIDE-**  
1-664-051-13



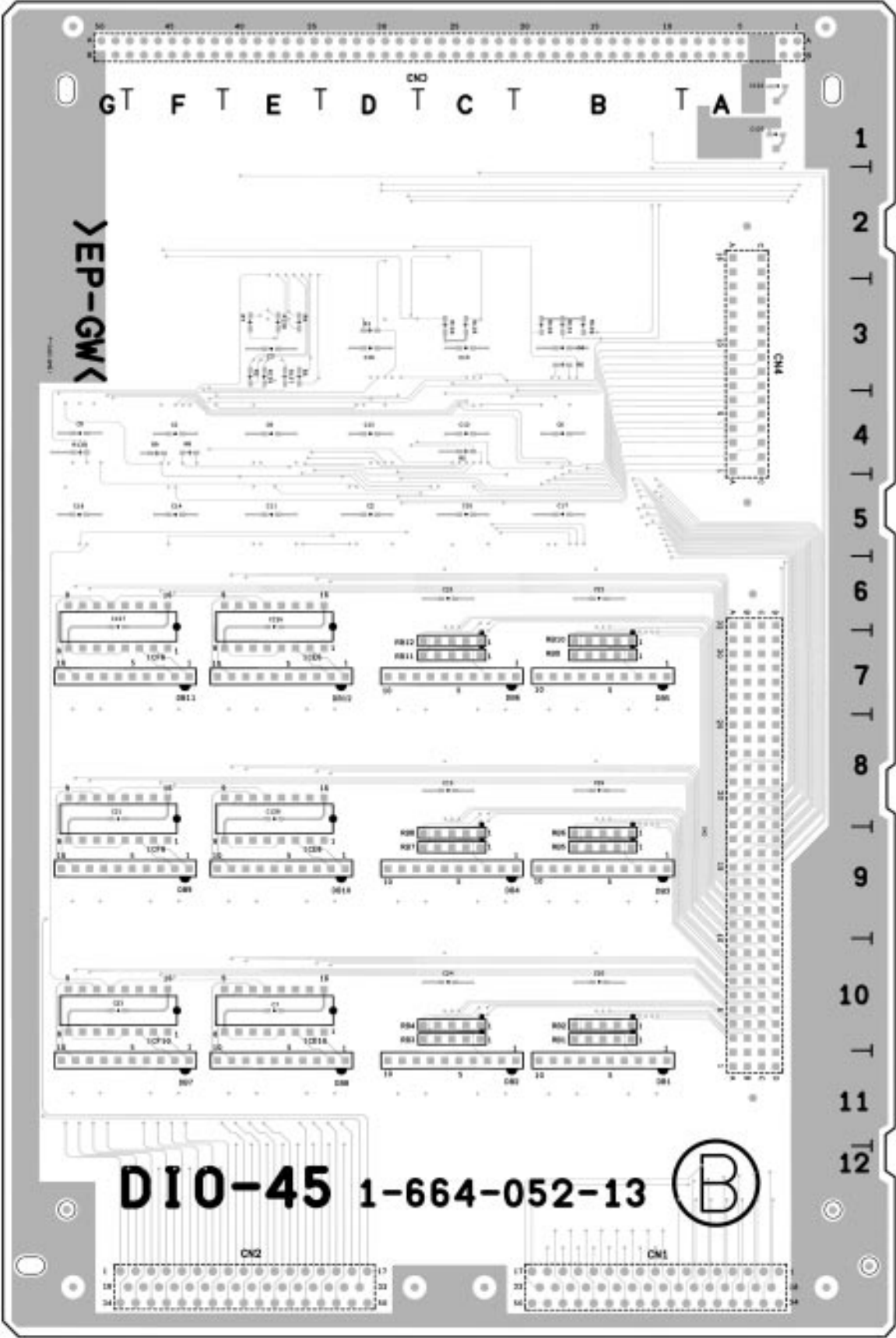


PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

DIO-45 -A SIDE-  
1-664-052-13

DIO-45 (1-664-052-13)

- |       |     |
|-------|-----|
| CN1   | B12 |
| CN2   | E12 |
| CN3   | C1  |
| CN4   | A3  |
| CN5   | A9  |
| DB1   | B11 |
| DB2   | C11 |
| DB3   | B9  |
| DB4   | C9  |
| DB5   | B7  |
| DB6   | C7  |
| DB7   | G11 |
| DB8   | E11 |
| DB9   | G9  |
| DB10  | E9  |
| DB11  | G7  |
| DB12  | E7  |
| ICB3  | B3  |
| ICB4  | B4  |
| ICB5  | B5  |
| ICB6  | B6  |
| ICB8  | B8  |
| ICB10 | B10 |
| ICC3  | C3  |
| ICC4  | C4  |
| ICC5  | C5  |
| ICC6  | C6  |
| ICC8  | C8  |
| ICC10 | C10 |
| ICD3  | D3  |
| ICD4  | D4  |
| ICD5  | D5  |
| ICE3  | E3  |
| ICE4  | E4  |
| ICE5  | E5  |
| ICE6  | E6  |
| ICE8  | E8  |
| ICE10 | E10 |
| ICF4  | F4  |
| ICF5  | F5  |
| ICF6  | G6  |
| ICF8  | G8  |
| ICF10 | G10 |
| ICG4  | G4  |
| ICG5  | G5  |
| RB1   | B10 |
| RB2   | B10 |
| RB3   | C10 |
| RB4   | C10 |
| RB5   | B9  |
| RB6   | B9  |
| RB7   | C9  |
| RB8   | C9  |
| RB9   | B7  |
| RB10  | B7  |
| RB11  | C7  |
| RB12  | C7  |



DIO-45 -B SIDE-  
1-664-052-13

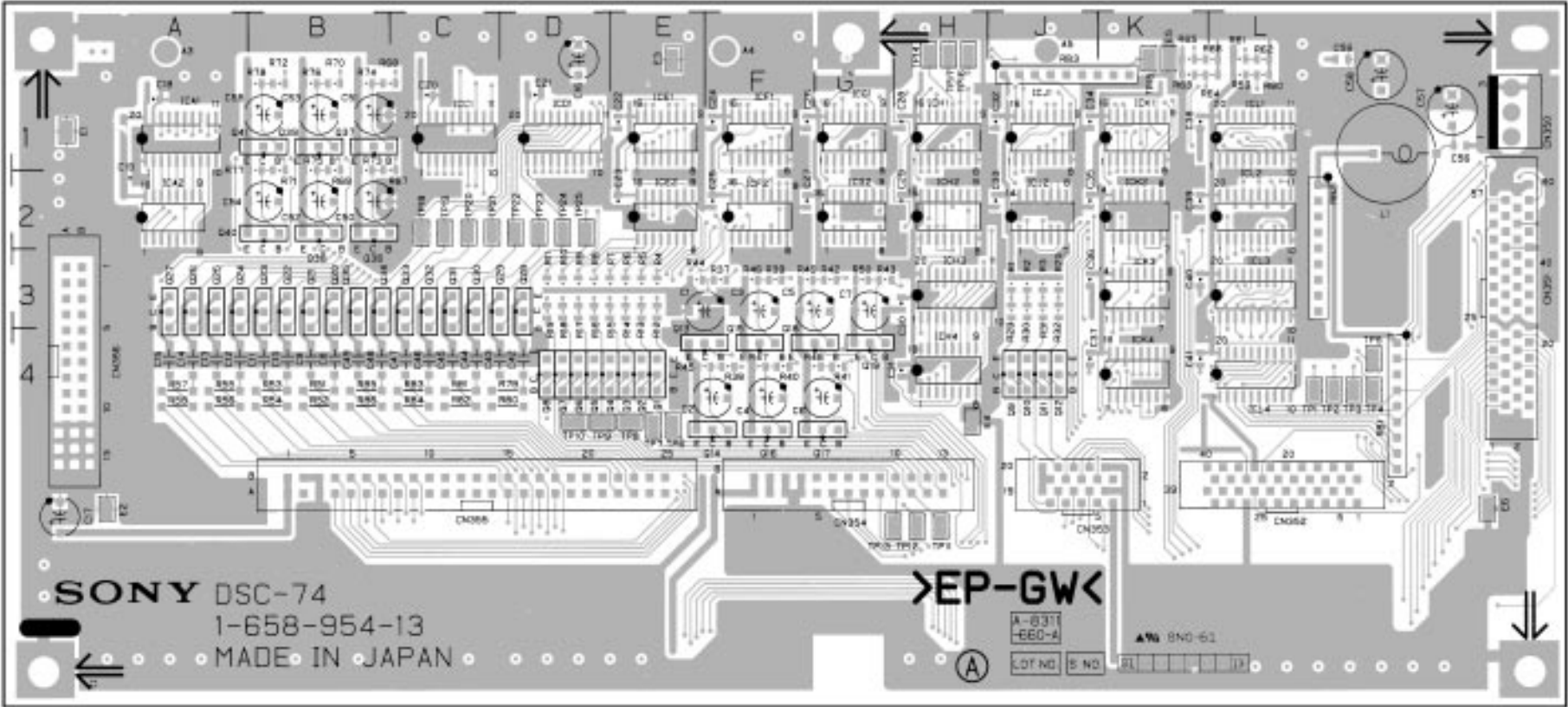
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

DIO-46 (1-664-053-13)

CN1	A7	IC501	K7
CN2	A3	IC502	K6
CN3	L5		
DB501	K5	RB501	J6
DB502	K4	RB502	J4
DB503	K3	RB503	J4
DB504	K8	RB504	K7
		S401	A7
D301	J2		
D401	A5	TP101	F8
D402	A5	TP102	F8
D403	A4	TP103	F8
D404	A4	TP104	E8
D405	A5	TP105	F6
D406	A5	TP106	E6
D407	A5	TP107	F6
D408	A5	TP108	F6
D409	B1	TP301	I2
D410	B1	TP302	G8
D411	B1	TP303	G1
D412	B2	TP401	B6
D413	B2	TP402	B4
D414	B2	TP403	G3
		TP404	G3
E501	K1	TP405	G3
E502	G3		
E503	B7	T401	B6
E504	I8	T402	B4
E505	C1		
E506	J6		
FL401	B2		
FL402	B3		
FL403	B7		
FL404	B6		
IC101	G5		
IC201	C3		
IC202	C6		
IC203	E7		
IC204	E3		
IC205	E6		
IC206	D8		
IC207	D6		
IC208	C4		
IC209	C7		
IC210	E4		
IC211	E7		
IC212	D4		
IC213	D7		
IC214	E5		
IC215	E8		
IC216	D5		
IC217	D8		
IC218	C7		
IC219	C8		
IC301	F1		
IC302	G2		
IC303	G1		
IC304	J1		
IC305	H2		
IC306	I2		
IC307	I1		
IC308	H3		
IC309	H6		
IC310	I3		
IC311	I6		
IC312	H4		
IC313	H7		
IC314	J7		
IC315	I4		
IC316	I7		
IC317	J8		
IC318	H5		
IC319	H8		
IC320	I5		
IC321	I8		
IC322	K1		
IC401	C5		
IC402	G8		
IC403	B5		
IC404	B4		
IC405	F2		
IC406	G7		
IC407	L5		
IC408	E1		
IC409	D2		
IC410	D1		
IC411	C2		
IC412	E2		
IC413	C1		

**DIO-46** -B SIDE-  
1-664-053-13

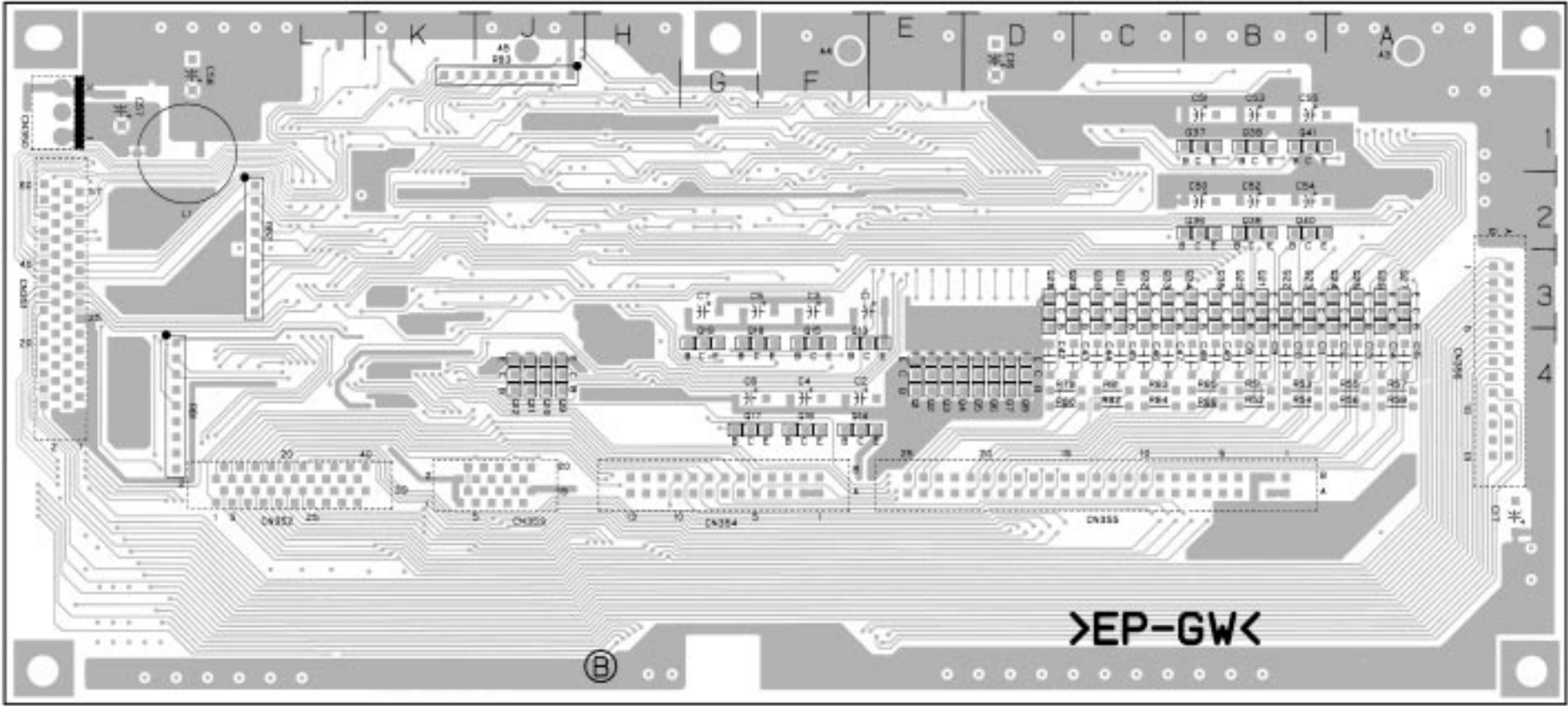




DSC-74 -A SIDE-  
1-658-954-13

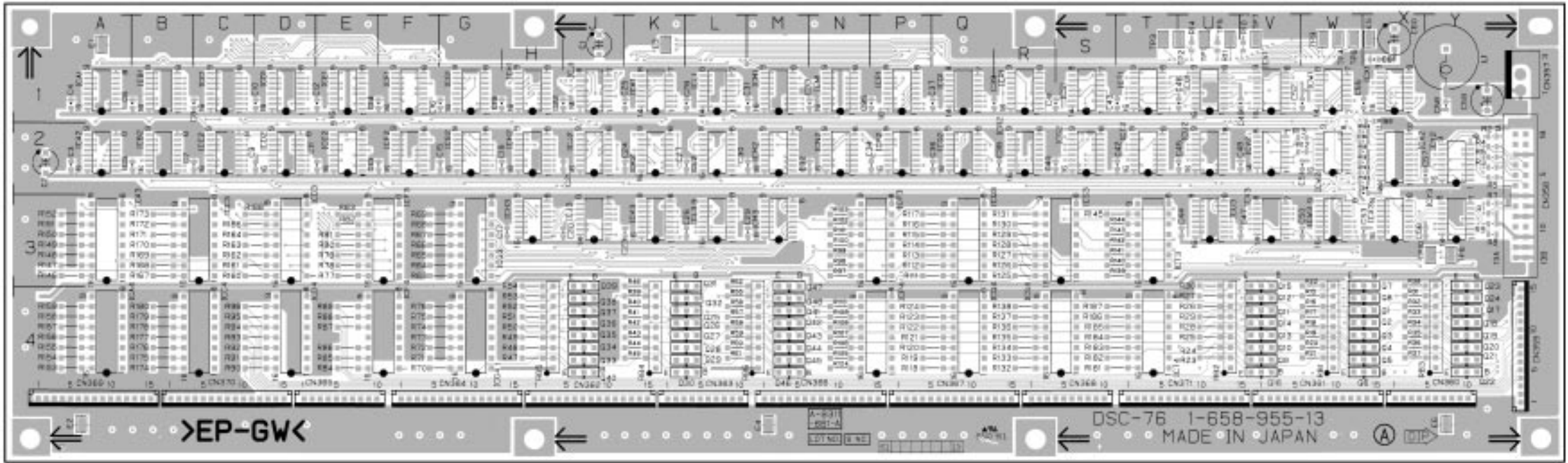
DSC-74 (1-658-954-13)

CN350	L1	RB1	L4
CN351	L3	RB2	L2
CN352	L4	RB3	J1
CN353	J4		
CN354	G4	TP1	L4
CN355	C4	TP2	L4
CN356	A4	TP3	L4
		TP4	L4
E1	A1	TP5	L4
E2	A4	TP6	E4
E3	E1	TP7	E4
E4	H4	TP8	E4
E5	K1	TP9	D4
E6	L4	TP10	D4
		TP11	H4
ICA1	A1	TP12	H4
ICA2	A2	TP13	G4
		TP14	H1
ICC1	C1	TP15	K1
		TP16	H1
ICD1	D1	TP17	H1
		TP18	C2
ICE1	E1	TP19	C2
		TP20	C2
ICE2	E2	TP21	C2
		TP22	D2
ICF1	F1	TP23	D2
ICF2	F2	TP24	D2
		TP25	D2
ICG1	G1		
ICG2	G2		
ICH1	H1		
ICH2	H2		
ICH3	H3		
ICH4	H4		
ICJ1	J1		
ICJ2	J2		
ICK1	K1		
ICK2	K2		
ICK3	K3		
ICK4	K4		
ICL1	L1		
ICL2	L2		
ICL3	L3		
ICL4	L4		
Q1	E4		
Q2	E4		
Q3	E4		
Q4	D4		
Q5	D4		
Q6	D4		
Q7	D4		
Q8	D4		
Q9	J4		
Q10	J4		
Q11	J4		
Q12	J4		
Q13	E4		
Q14	F4		
Q15	F4		
Q16	F4		
Q17	G4		
Q18	F4		
Q19	G4		
Q20	B3		
Q21	B3		
Q22	B3		
Q23	B3		
Q24	A3		
Q25	A3		
Q26	A3		
Q27	A3		
Q28	D3		
Q29	C3		
Q30	C3		
Q31	C3		
Q32	C3		
Q33	C3		
Q34	B3		
Q35	B3		
Q36	B2		
Q37	B1		
Q38	B2		
Q39	B1		
Q40	B2		
Q41	B1		

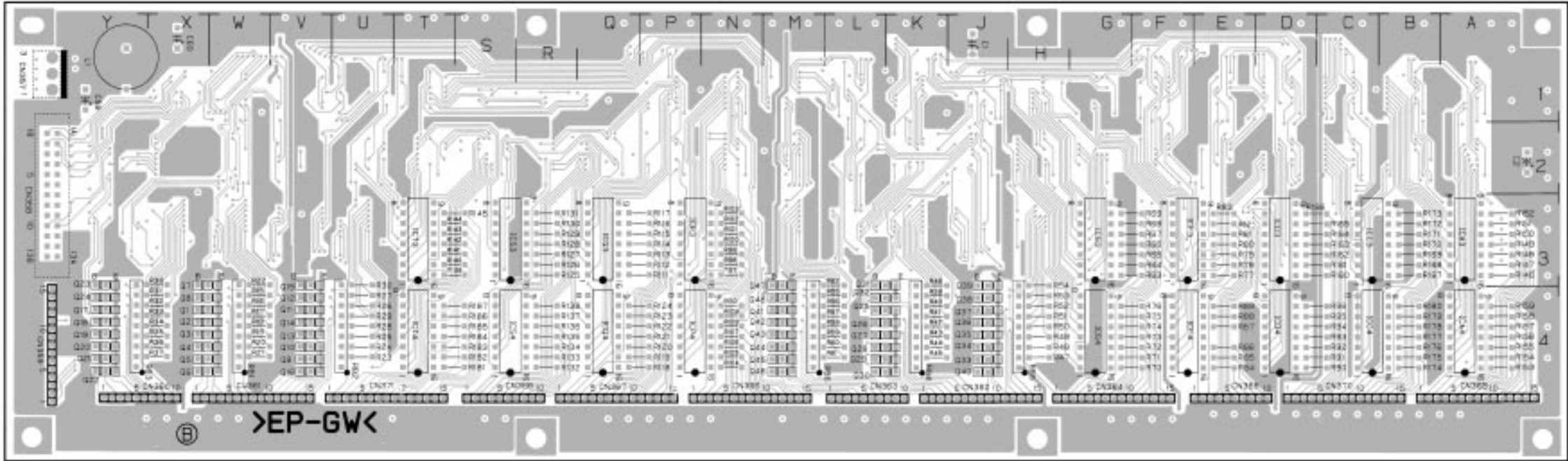


DSC-74 -B SIDE-  
1-658-954-13

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



DSC-76 -A SIDE-  
1-658-955-13



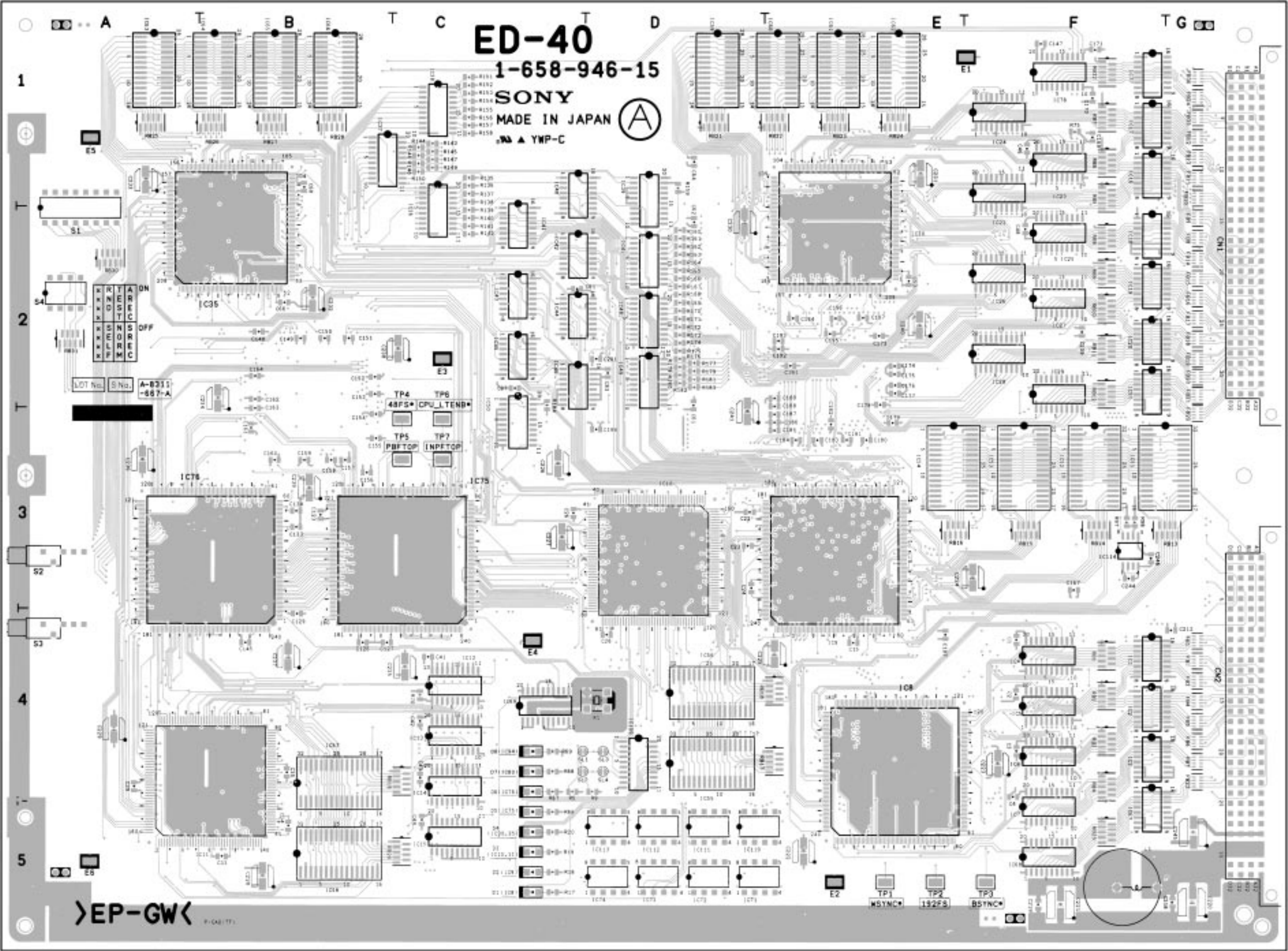
DSC-76 -B SIDE-  
1-658-955-13

DSC-76 (1-658-955-13)

CN357	Y1	ICS4	S4
CN358	Y3		
CN359	Y4	ICT1	T1
CN360	Y4	ICT2	T2
CN361	W4	ICT3	T3
CN362	J4	ICT4	T4
CN363	L4		
CN364	G4	ICU1	U1
CN365	E4	ICU2	U2
CN366	N4	ICU3	U3
CN367	Q4		
CN368	S4	ICV1	V1
CN369	A4	ICV2	V2
CN370	C4	ICV3	V3
CN371	U4		
E1	A1	ICW1	W1
E2	A4	ICW2	W2
E3	K1	ICW3	W3
E4	M4	ICX1	X1
E5	X1	ICX2	X2
E6	Y4	ICX3	X3
ICA1	A1	ICY2	Y2
ICA2	A2	ICY3	Y3
ICA3	A3		
ICA4	A4	Q1	X4
ICB1	B1	Q2	X4
ICB2	B2	Q3	X4
		Q4	X4
		Q5	X4
ICC1	C1	Q6	X4
ICC2	C2	Q7	X3
ICC3	C3	Q8	X4
ICC4	C4	Q9	V4
		Q10	V4
ICD1	D1	Q11	V4
ICD2	D2	Q12	V4
ICD3	D3	Q13	V4
ICD4	D4	Q14	V4
		Q15	V3
ICE1	E1	Q16	V4
ICE2	E2	Q17	Y4
		Q18	Y4
ICF1	F1	Q19	Y4
ICF2	F2	Q20	Y4
ICF3	F3	Q21	Y4
ICF4	F4	Q22	Y4
		Q23	Y3
ICG1	G1	Q24	Y4
ICG2	G2	Q25	L4
ICG3	G3	Q26	L4
ICG4	G4	Q27	L4
		Q28	L4
ICH1	H1	Q29	L4
ICH2	H2	Q30	L4
ICH3	H3	Q31	L3
		Q32	L4
ICJ1	J1	Q33	J4
ICJ2	J2	Q34	J4
ICJ3	J3	Q35	J4
		Q36	J4
ICK1	K1	Q37	J4
ICK2	K2	Q38	J4
ICK3	K3	Q39	J3
		Q40	J4
ICL1	L1	Q41	M4
ICL2	L2	Q42	M4
ICL3	L3	Q43	M4
		Q44	M4
ICM1	M1	Q45	M4
ICM2	M2	Q46	M4
ICM3	M3	Q47	M3
		Q48	M4
ICN1	N1		
ICN2	N2	RB1	W4
		RB2	U4
ICP1	P1	RB3	Y4
ICP2	P2	RB4	K4
ICP3	P3	RB5	H4
ICP4	P4	RB6	M4
ICQ1	Q1	TP1	U1
ICQ2	Q2	TP2	U1
ICQ3	Q3	TP3	T1
ICQ4	Q4	TP4	W1
		TP5	U1
ICR1	R1	TP6	W1
ICR2	R2	TP7	V1
ICS1	S1	TP8	Y3
ICS2	S2	TP9	W1
ICS3	S3	TP10	Y3

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



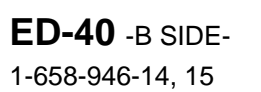


ED-40 (1-658-946-14, 15)

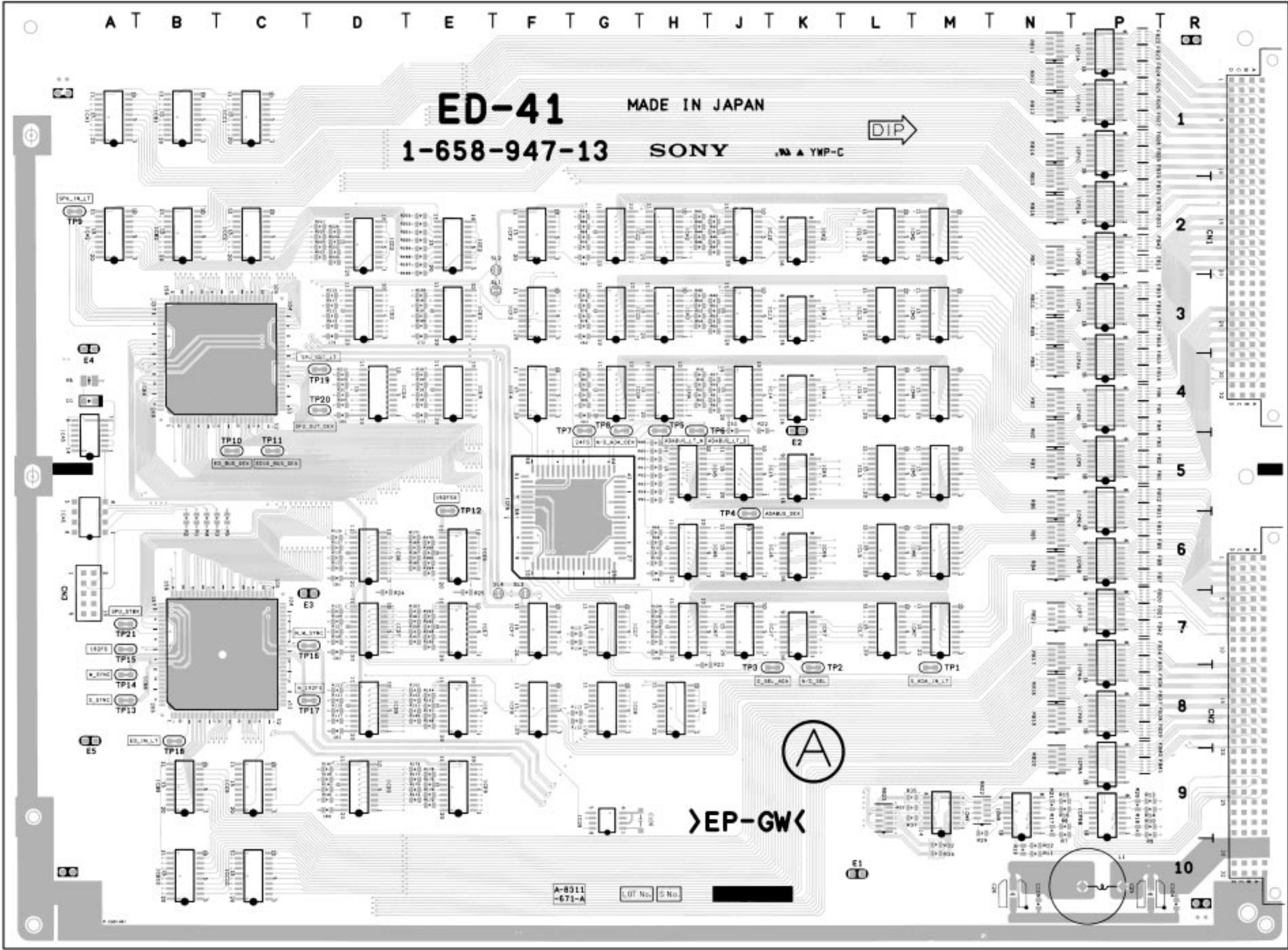
*: B SIDE			
CNI71	D5	IC63	A1
CNI72	D5	IC64	B1
CNI73	D5	IC65	B1
CNI74	D5	IC66	B1
CNI110	D5	IC67	F5
CNI111	D5	IC68	F5
CNI112	D5	IC69	C4
CNI113	D5	IC70	*E4
		IC71	D5
CN1	G2	IC72	D5
CN2	G4	IC73	D5
		IC74	D5
D1	C5	IC75	C3
D2	C5	IC76	B3
D3	C5	IC77	F1
D4	C5	IC78	F1
D5	C5	IC79	*F2
D6	C4	IC80	*B2
D7	C4	IC81	*C2
D8	C4	IC82	*C3
		IC83	*F3
E1	F1	IC84	*F3
E2	E5	IC85	*F1
E3	C2	IC86	*F1
E4	C4	IC87	*F1
E5	A1	IC88	*F3
E6	A5	IC89	*F3
		IC90	*F1
IC1	F4	IC91	*F1
IC2	F4	IC92	*F1
IC3	F4	IC93	*F2
IC4	F4	IC94	*E2
IC5	F4	IC95	*D2
IC6	F4	IC96	*D3
IC7	F5	IC97	*D2
IC8	E4	IC98	*F3
IC9	E3	IC99	*F5
IC10	D3	IC100	*F2
IC11	B4	IC101	*F5
IC12	C4	IC102	*F4
IC13	C4	IC103	*F4
IC14	C4	IC104	*F4
IC15	C5	IC105	*F2
IC16	F1	IC106	*F4
IC17	F1	IC107	*F4
IC18	F2	IC108	*F4
IC19	F2	IC109	D4
IC20	F2	IC110	D5
IC21	F2	IC111	D5
IC22	F1	IC112	D5
IC23	F1	IC113	D5
IC24	F1	IC114	F3
IC25	F2		
IC26	F2	RB1	F4
IC27	F2	RB2	F4
IC28	F2	RB3	F4
IC29	F2	RB4	F4
IC30	E2	RB5	F1
IC31	*D3	RB6	F1
IC32	*D2	RB7	F1
IC33	*D2	RB8	F2
IC34	*D1	RB9	F2
IC35	B2	RB10	F2
IC36	C2	RB11	F2
IC37	B1	RB12	F2
IC38	C1	RB13	G3
IC39	D1	RB14	F3
IC40	C1	RB15	F3
IC41	C2	RB16	E3
IC42	C2	RB17	E4
IC43	C2	RB18	E4
IC44	C2	RB19	C4
IC45	C2	RB20	C5
IC46	C2	RB21	D1
IC47	D2	RB22	E1
IC48	D2	RB23	E1
IC49	D2	RB24	E1
IC50	C3	RB25	A1
IC51	G3	RB26	B1
IC52	F3	RB27	B1
IC53	F3	RB28	B1
IC54	E3	RB29	F5
IC55	D4	RB30	A2
IC56	D4	RB31	A2
IC57	B4	RB32	F1
IC58	B5	RB33	*F2
IC59	D1	RB34	*F3
IC60	E1	RB35	*F3
IC61	E1	RB36	*F3
IC62	E1	RB37	*F1

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

ED-40 -A SIDE-  
1-658-946-14, 15





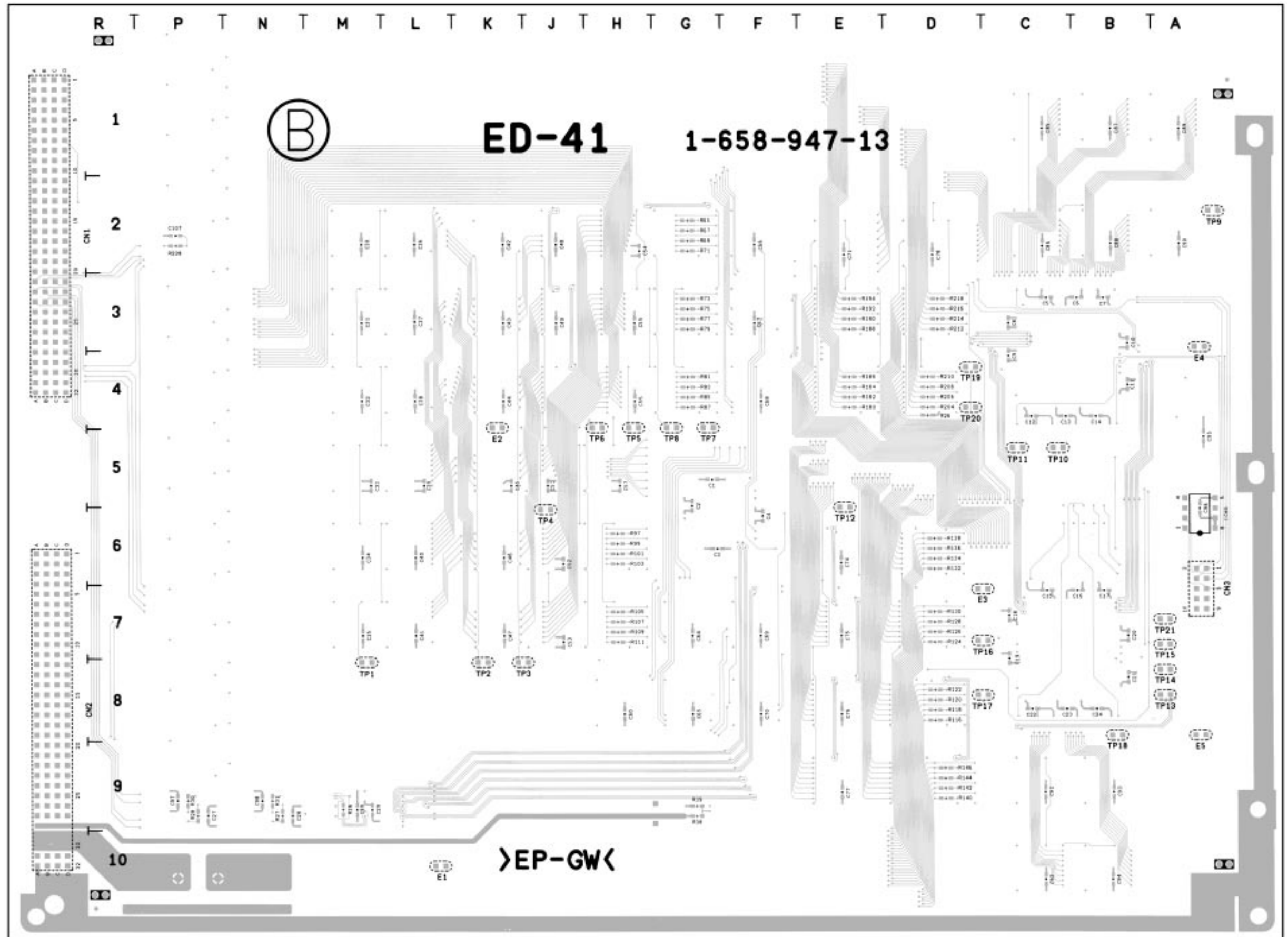
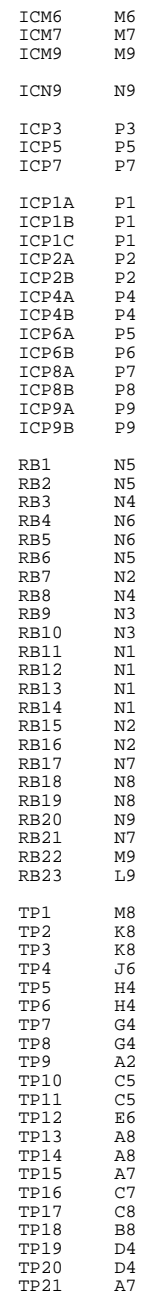


ED-41 (1-658-947-13)

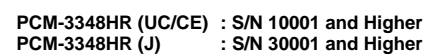
CN1	Q2
CN2	Q8
CN3	A7
D1	A4
E1	L10
E2	K4
E3	C7
E4	A3
E5	A8
ICA1	A1
ICA2	A2
ICA5	A5
ICA6	A6
ICB1	B1
ICB2	B2
ICB4	C4
ICB8	C7
ICB9	B9
ICB10	B10
ICC1	C1
ICC2	C2
ICC9	C9
ICC10	C10
ICD2	D2
ICD3	D3
ICD4	D4
ICD6	D6
ICD7	D7
ICD8	D8
ICD9	D9
ICE2	E2
ICE3	E3
ICE4	E4
ICE6	E6
ICE7	E7
ICE8	E8
ICE9	E9
ICF2	F2
ICF3	F3
ICF4	F4
ICF6	G6
ICF7	F7
ICF8	F8
ICG2	G2
ICG3	G3
ICG4	G4
ICG7	G7
ICG8	G8
ICG9	G9
ICH2	H2
ICH3	H3
ICH4	H4
ICH5	H5
ICH6	H6
ICH7	H7
ICH8	H8
ICJ2	J2
ICJ3	J3
ICJ4	J4
ICJ5	J5
ICJ6	J6
ICJ7	J7
ICK2	K2
ICK3	K3
ICK4	K4
ICK5	K5
ICK6	K6
ICK7	K7
ICL2	L2
ICL3	L3
ICL4	L4
ICL5	L5
ICL6	L6
ICL7	L7
ICM2	M2
ICM3	M3
ICM4	M4
ICM5	M5

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

ED-41 -A SIDE-  
1-658-947-13



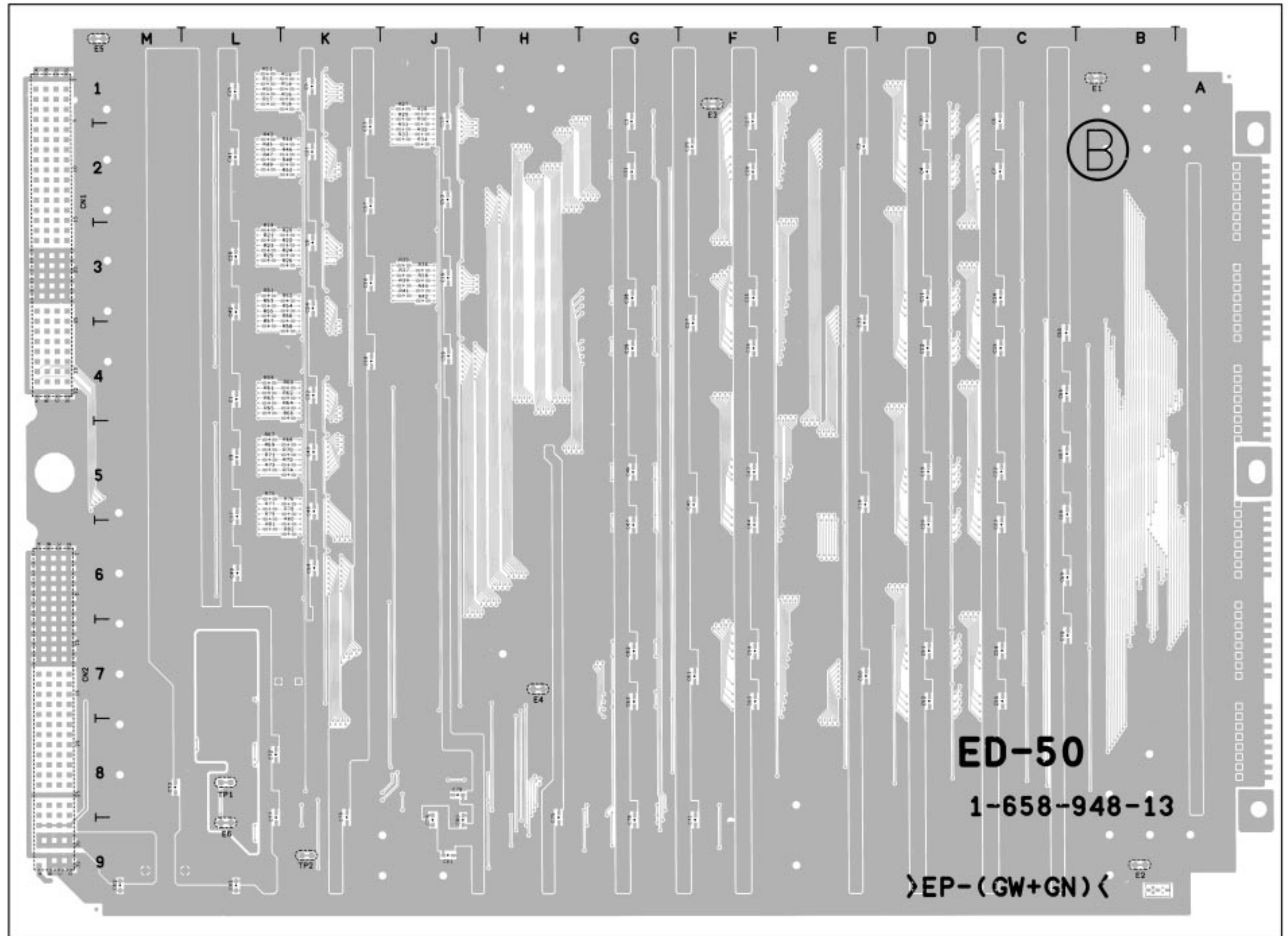


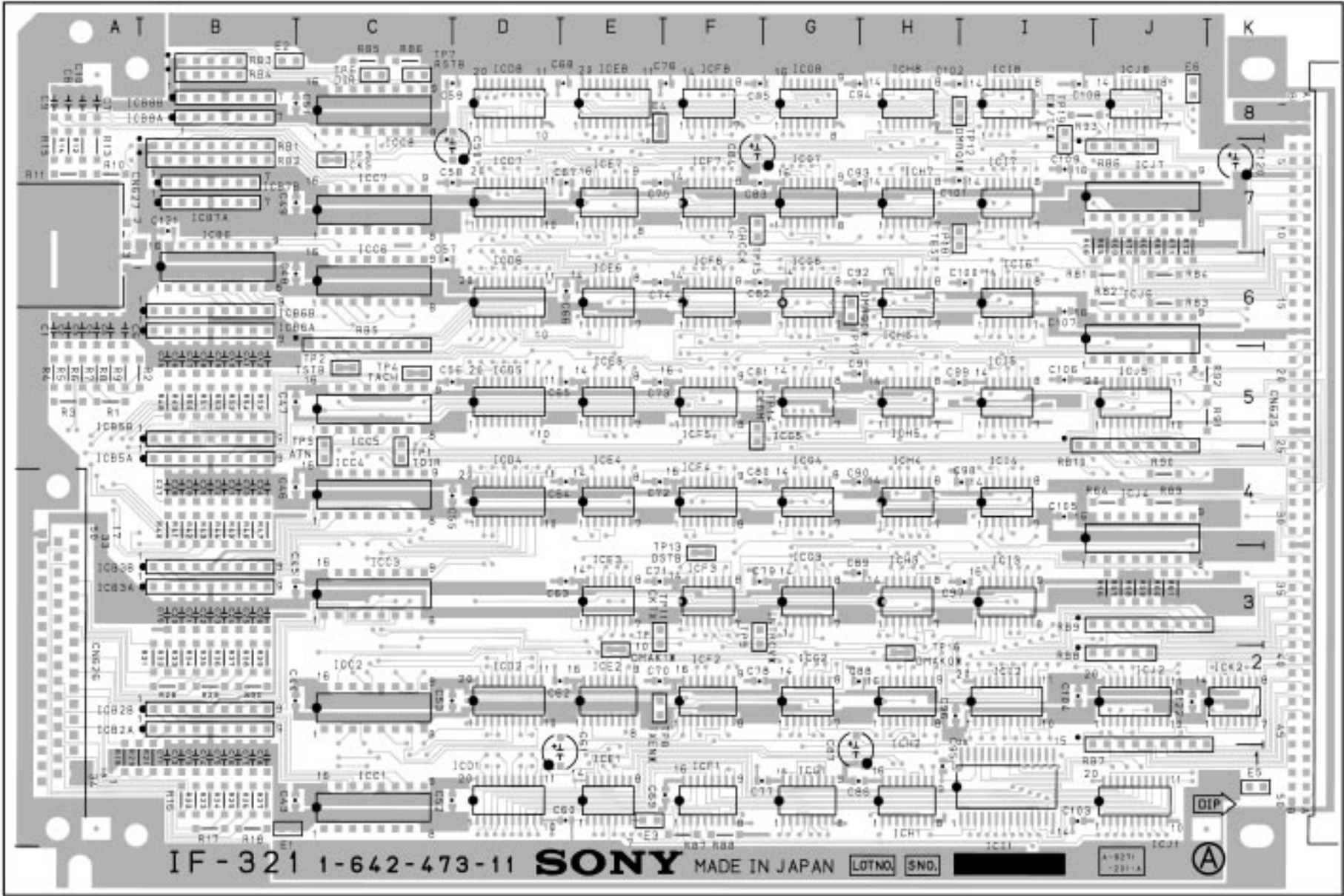


**ED-50** -A SIDE-  
1-658-948-13

CNI74	J9
CN1	M3
CN2	M7
E1	B1
E2	B9
E3	F1
E4	H7
E5	M1
E6	L9
IC1	L4
IC2	E2
IC3	D1
IC4	D2
IC5	K1
IC6	C1
IC7	C2
IC8	K3
IC9	L5
IC10	E4
IC11	D3
IC12	D4
IC13	J2
IC14	C3
IC15	C4
IC16	J3
IC17	L5
IC18	E5
IC19	D5
IC20	D6
IC21	K2
IC22	C5
IC23	C6
IC24	K3
IC25	L1
IC26	L3
IC27	F1
IC28	F2
IC29	F2
IC30	G1
IC31	G2
IC32	K4
IC33	K2
IC34	K3
IC35	F3
IC36	F4
IC37	F4
IC38	G3
IC39	G4
IC40	K5
IC41	L2
IC42	L3
IC43	F5
IC44	F6
IC45	F5
IC46	G5
IC47	G6
IC48	K5
IC49	L6
IC50	E7
IC51	D7
IC52	D7
IC53	J2
IC54	C7
IC55	C7
IC56	J4
IC57	K2
IC58	K4
IC59	F7
IC60	F7
IC61	F7
IC62	G7
IC63	G7
IC64	K6
IC65	C4
IC66	C4
IC67	C5
IC68	C5
IC69	C6
IC70	C7
IC71	F9
IC72	L8
IC73	M8
IC74	J9
IC75	H8
IC76	K8
IC77	L8
IC78	G9
IC79	M4
IC80	M5

IC81	M1
IC82	M2
IC83	M3
IC84	M3
IC85	M5
IC86	M2
IC87	M4
IC88	M8
IC89	L7
RB1	L4
RB2	L5
RB3	L5
RB4	L1
RB5	L1
RB6	L2
RB7	L3
RB8	L3
RB9	L3
RB10	L5
RB11	L2
RB12	L4
RB13	A2
RB14	A3
RB15	A4
RB16	A6
RB17	A7
RB18	A8
RB19	L8
S1	A2
S2	A3
S3	A4
S4	A6
S5	A7
S6	A8
TP1	L8
TP2	K9

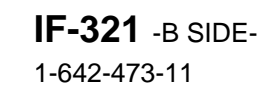




PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

IF-321 -A SIDE-  
1-642-473-11

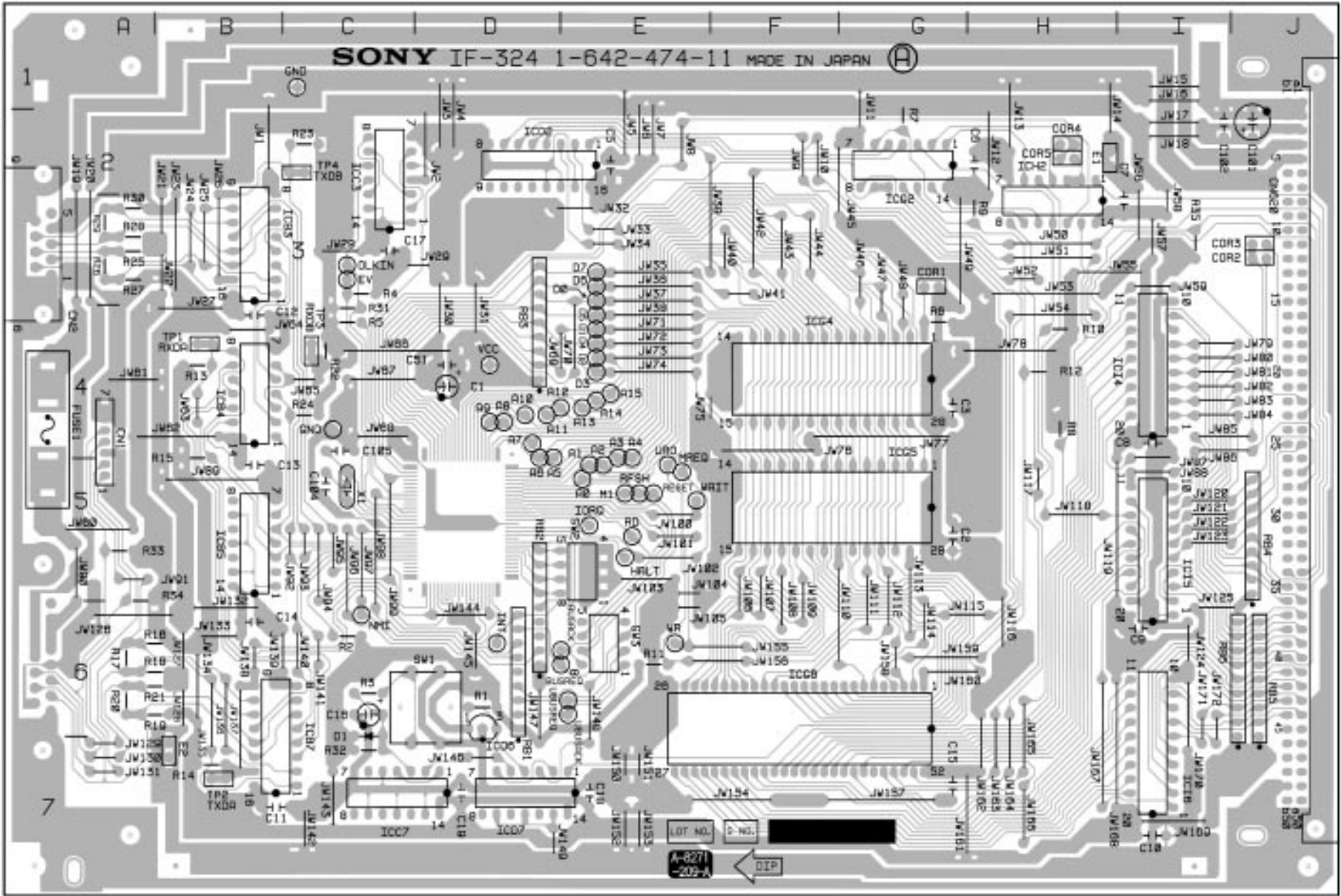
IF-321 (1-642-473-11)			
CN625	K5	ICJ7	J7
CN626	A2	ICJ8	J8
CN627	A7	ICK2	K2
E1	B1		
E2	B8	RB1	B7
E3	E1	RB2	B7
E4	E8	RB3	B8
E5	K1	RB4	B8
E6	J8	RB5	C6
		RB6	J7
ICB6	B7	RB7	I1
ICB2A	A2	RB8	I2
ICB2B	A2	RB9	I3
ICB3A	A3	RB10	I4
ICB3B	A3		
ICB5A	A4	TP1	C4
ICB5B	A5	TP2	C5
ICB6A	B6	TP3	C7
ICB6B	B6	TP4	C5
ICB7A	B7	TP5	C5
ICB7B	B8	TP6	C8
ICB8A	B7	TP7	C8
ICB8B	B8	TP8	F2
		TP9	F3
ICC1	C1	TP10	E3
ICC2	C2	TP11	E3
ICC3	C3	TP12	I7
ICC4	C4	TP13	F3
ICC5	C5	TP14	G5
ICC6	C7	TP15	F6
ICC7	C7	TP16	H2
ICC8	C7	TP17	G6
		TP18	H7
		TP19	I8
ICD1	D1		
ICD2	D2		
ICD4	D4		
ICD5	D5		
ICD6	D6		
ICD7	D7		
ICD8	D8		
ICE1	E1		
ICE2	E2		
ICE3	E3		
ICE4	E4		
ICE5	E5		
ICE6	E6		
ICE7	E7		
ICE8	E8		
ICF1	F1		
ICF2	F2		
ICF3	F3		
ICF4	F4		
ICF5	F5		
ICF6	F6		
ICF7	F7		
ICF8	F8		
ICG1	G1		
ICG2	G2		
ICG3	G3		
ICG4	G4		
ICG5	G5		
ICG6	G6		
ICG7	G7		
ICG8	G8		
ICH1	H1		
ICH2	H2		
ICH3	H3		
ICH4	H4		
ICH5	H5		
ICH6	H6		
ICH7	H7		
ICH8	H8		
ICI1	I1		
ICI2	I2		
ICI3	I3		
ICI4	I4		
ICI5	I5		
ICI6	I6		
ICI7	I7		
ICI8	I8		
ICJ1	J1		
ICJ2	J2		
ICJ4	J4		
ICJ5	J5		
ICJ6	J6		





\*: B SIDE

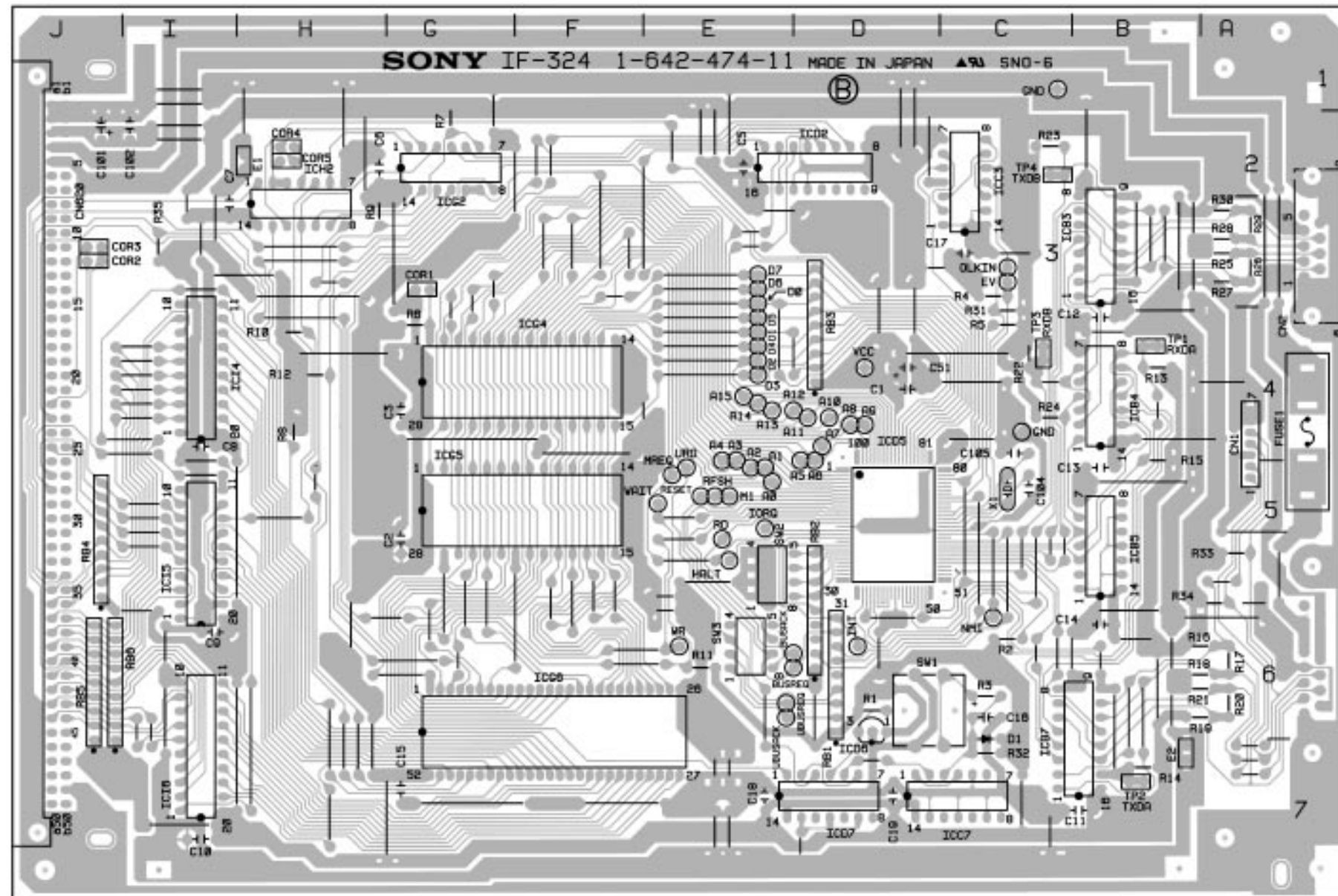
AG4	F4
CN1	A4
CN2	A4
CN620	J2
D1	C6
D2	*A7
D3	*B6
D4	*B6
D5	*A6
D6	*A6
D7	*B6
D8	*B6
D9	*B7
E1	H2
E2	B7
FS1	A4
ICB3	C3
ICB4	B4
ICB5	B5
ICB7	C6
ICC3	C2
ICC7	C7
ICD2	D2
ICD5	*D4
ICD6	D7
ICD7	D7
ICG2	G2
ICG4	F4
ICG5	G4
ICG6	F6
ICH2	H2
ICI4	H4
ICI5	I5
ICI6	I7
RB1	D7
RB2	D5
RB3	D3
RB4	J5
RB5	J6
RB6	I6
SW1	D6
SW2	E5
SW3	E6
TP1	B4
TP2	B7
TP3	C4
TP4	C2
X1	C5



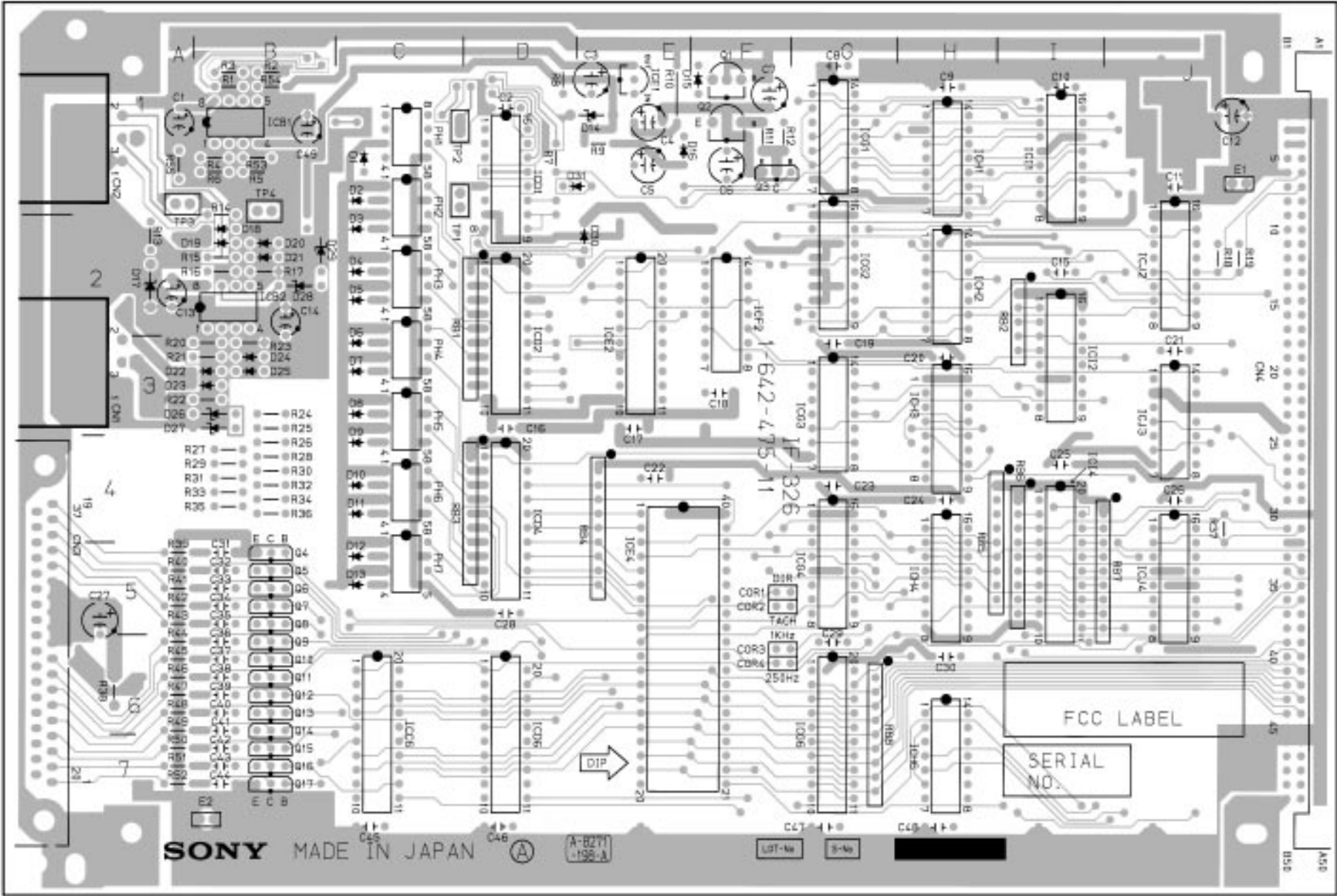
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

IF-324 -A SIDE-  
1-642-474-11





**IF-324** -B SIDE-  
1-642-474-11

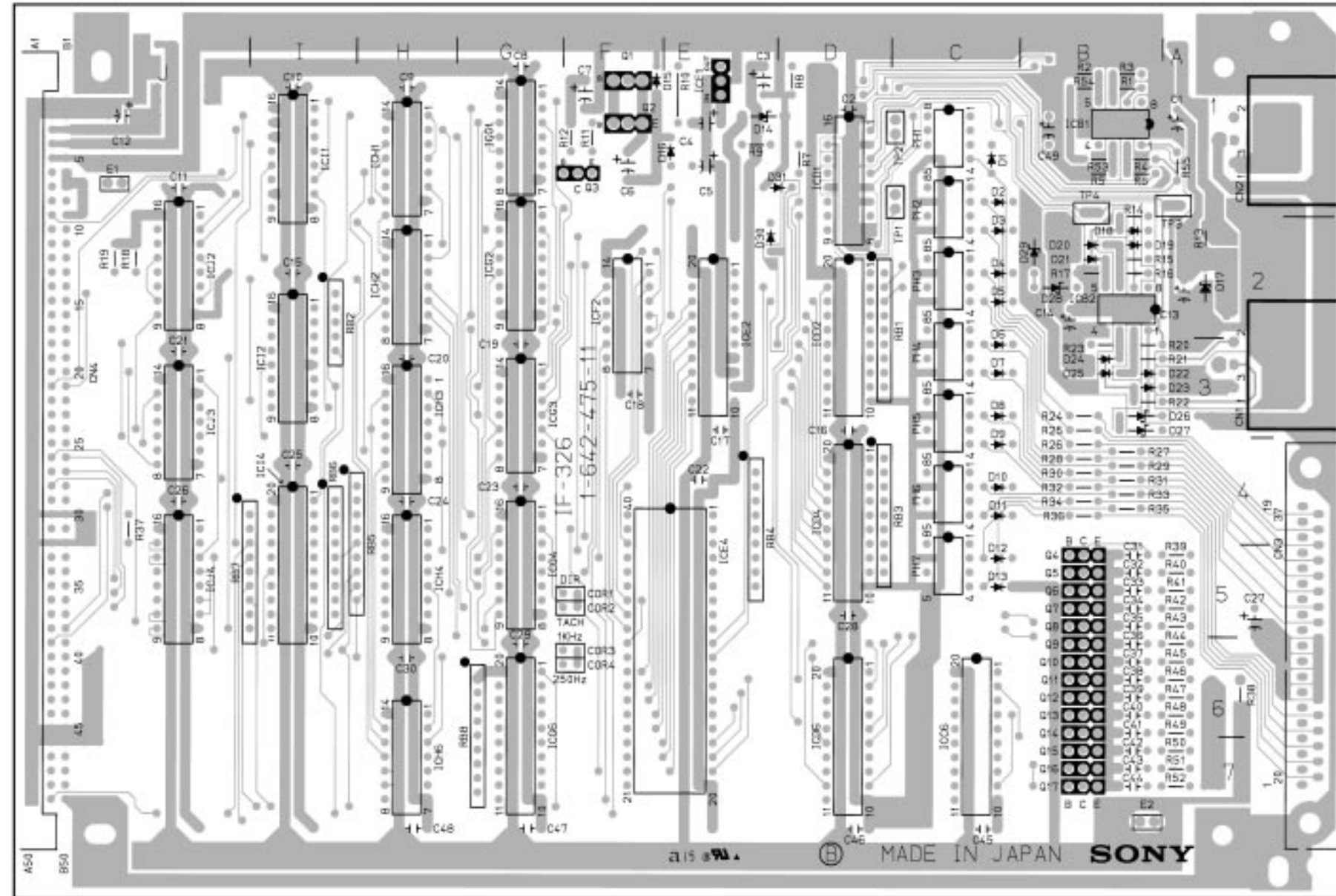


PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

IF-326 -A SIDE-  
1-642-475-11

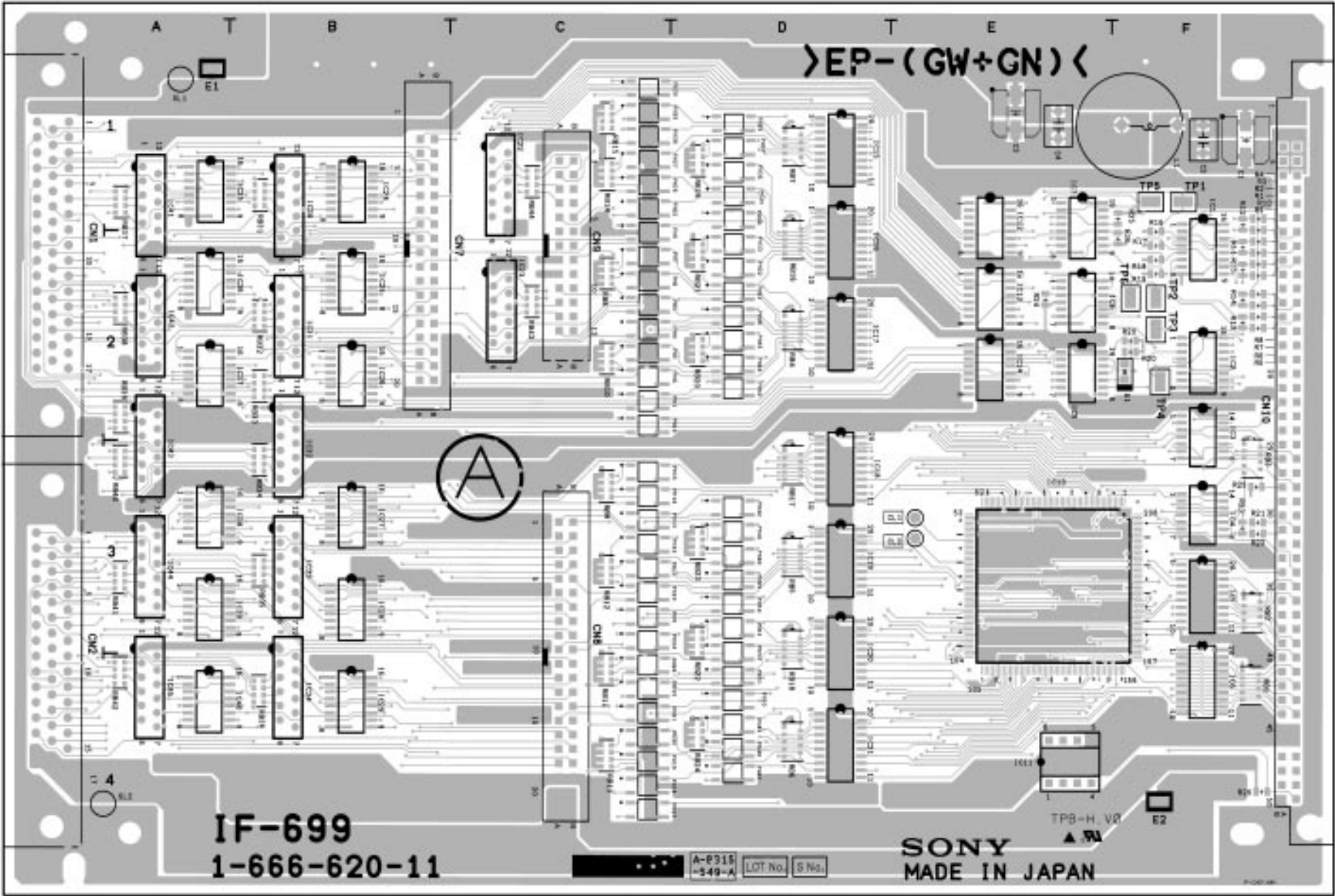
IF-326 (1-642-475-11)

CN1	A3	Q10	B6
CN2	A1	Q11	B6
CN3	A5	Q12	B6
CN4	J3	Q13	B6
		Q14	B6
D1	C1	Q15	B7
D2	C1	Q16	B7
D3	C2	Q17	B7
D4	C2		
D5	C2	RB1	C2
D6	C2	RB2	I2
D7	C3	RB3	C4
D8	C3	RB4	E4
D9	C3	RB5	H5
D10	C4	RB6	I4
D11	C4	RB7	J5
D12	C5	RB8	G6
D13	C5		
D14	E1	TP1	C1
D15	E1	TP2	C1
D16	E1	TP3	A1
D17	A2	TP4	D1
D18	B2		
D19	A2		
D20	B2		
D21	B2		
D22	A3		
D23	A3		
D24	B3		
D25	B3		
D26	A3		
D27	A3		
D28	B2		
D29	B2		
D30	E2		
D31	D1		
E1	J1		
E2	B7		
ICB1	B1		
ICB2	B2		
ICC6	C6		
ICD1	D1		
ICD2	D3		
ICD4	D4		
ICD6	D6		
ICE1	E1		
ICE2	E3		
ICE4	E5		
ICF2	F2		
ICG1	G1		
ICG2	G2		
ICG3	G3		
ICG4	G5		
ICG6	G6		
ICH1	H1		
ICH2	H2		
ICH3	H3		
ICH4	H5		
ICH6	H7		
ICI1	I1		
ICI2	I3		
ICI4	I4		
ICJ2	J2		
ICJ3	J3		
ICJ4	J5		
PH1	C1		
PH2	C1		
PH3	C2		
PH4	C3		
PH5	C3		
PH6	C4		
PH7	C5		
Q1	F1		
Q2	F1		
Q3	F1		
Q4	B5		
Q5	B5		
Q6	B5		
Q7	B5		
Q8	B5		
Q9	B6		



**IF-326 -B SIDE-**  
1-642-475-11





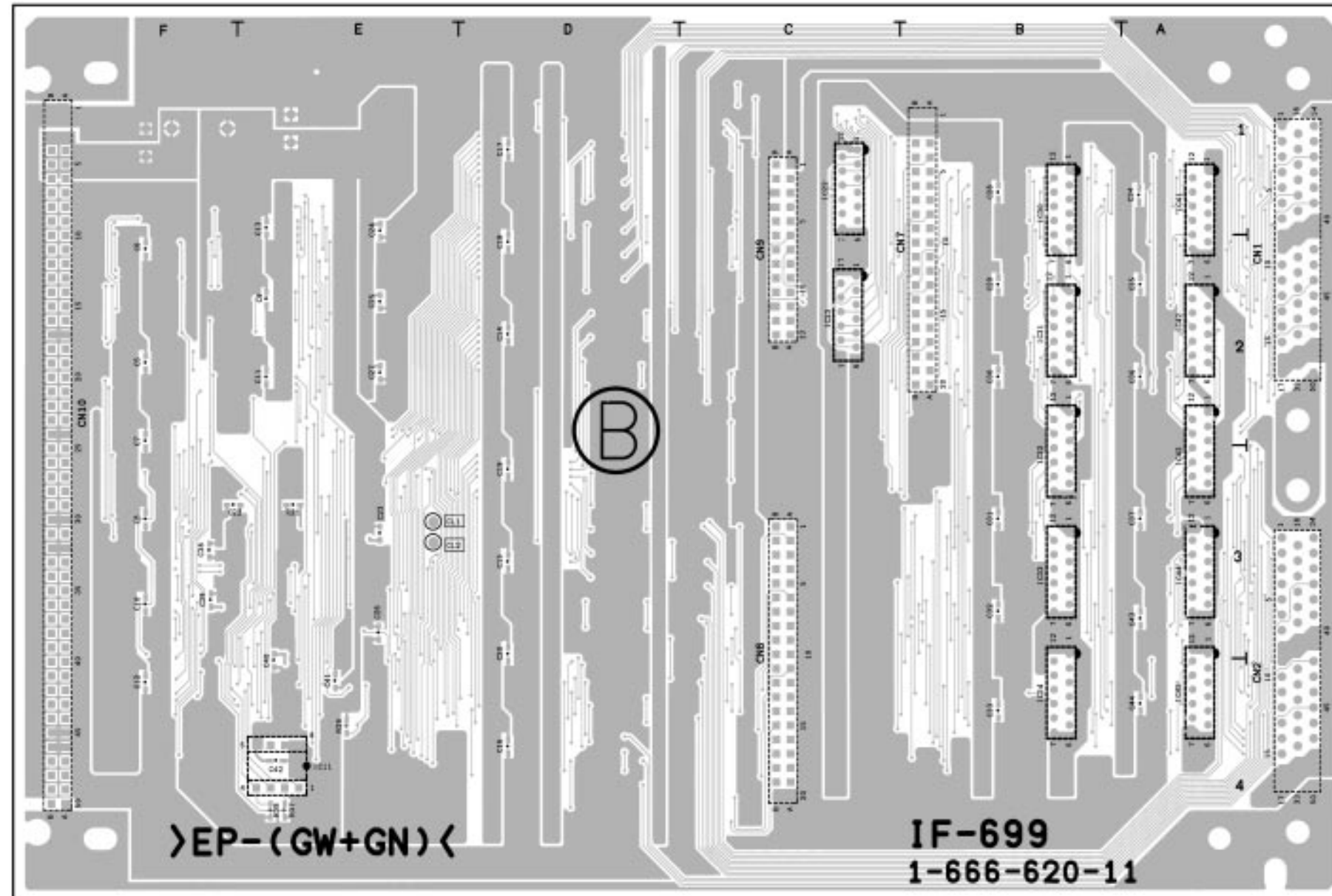
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

IF-699 -A SIDE-  
1-666-620-11

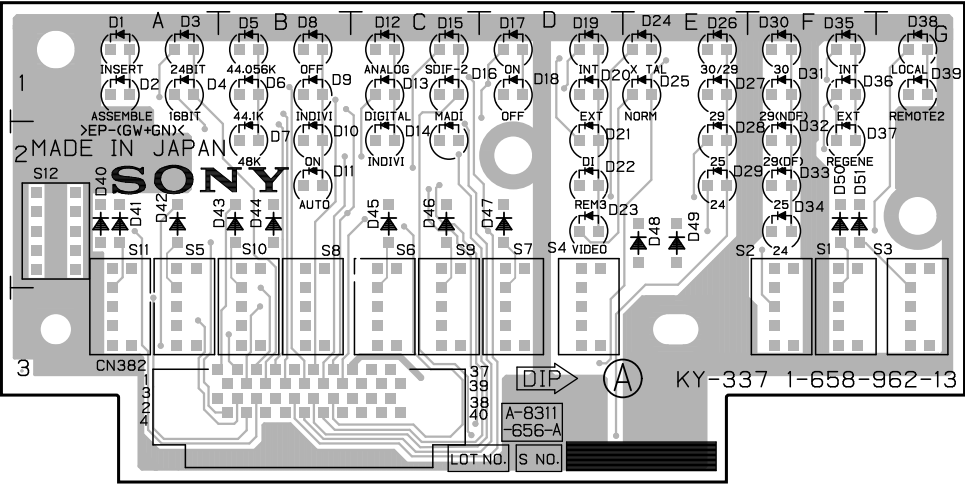
IF-699 (1-666-620-11)

CNI11	E4	PH33	D2
		PH34	D1
CN1	A2	PH35	D1
CN2	A4	PH36	D1
CN7	B2	PH37	D1
CN8	C4	PH38	D1
CN9	C2	PH39	D3
CN10	F3	PH40	D3
		PH41	D3
D1	F2	PH42	D3
		PH43	D2
E1	A1	PH44	D2
E2	F4	PH45	D2
		PH46	D2
IC1	F2	PH47	D4
IC2	F2	PH48	D4
IC3	F2	PH49	D4
IC4	F3	PH50	D4
IC5	F3	PH51	D4
IC6	F4	PH52	D3
IC7	E1	PH53	D3
IC8	E2	PH54	D3
IC9	E2		
IC10	E3	RB1	F4
IC11	E4	RB2	F3
IC12	E1	RB3	F3
IC13	E2	RB4	D2
IC14	E2	RB5	D3
IC15	D1	RB6	D4
IC16	D2	RB7	D1
IC17	D2	RB8	C2
IC18	D3	RB9	C3
IC19	D3	RB10	C2
IC20	D3	RB11	C4
IC21	D4	RB12	C3
IC22	C1	RB13	C4
IC23	C2	RB14	C1
IC24	B1	RB15	C1
IC25	B2	RB16	D2
IC26	B2	RB17	D3
IC27	B3	RB18	D3
IC28	B3	RB19	D1
IC29	B4	RB20	D2
IC30	B1	RB21	D2
IC31	B2	RB22	D3
IC32	B3	RB23	D3
IC33	B3	RB24	D4
IC34	B4	RB31	B1
IC35	A1	RB32	B2
IC36	A2	RB33	B2
IC37	A2	RB34	B3
IC38	A3	RB35	B3
IC39	A3	RB36	B4
IC40	A4	RB37	A1
IC41	A1	RB38	A2
IC42	A2	RB39	A2
IC43	A3	RB40	A3
IC44	A3	RB41	A3
IC45	A4	RB42	A4
		RB43	C2
		RB44	C1
PH1	C2		
PH2	C2		
PH3	C2	TP1	F1
PH4	C2	TP2	F2
PH5	C2	TP3	F2
PH6	C2	TP4	F2
PH7	C2	TP5	F1
PH8	C2	TP6	F2
PH9	C3		
PH10	C3		
PH11	C3		
PH12	C3		
PH13	C3		
PH14	C3		
PH15	C3		
PH16	C2		
PH17	C4		
PH18	C4		
PH19	C4		
PH20	C4		
PH21	C4		
PH22	C4		
PH23	C4		
PH24	C3		
PH25	C1		
PH26	C1		
PH27	C1		
PH28	C1		
PH29	C1		
PH30	C1		
PH31	D2		
PH32	D2		

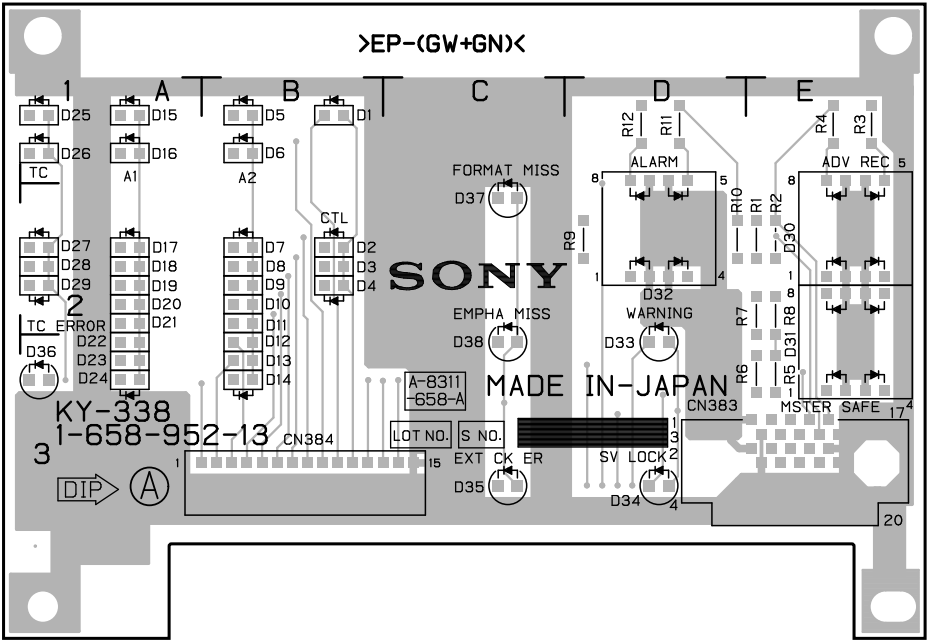




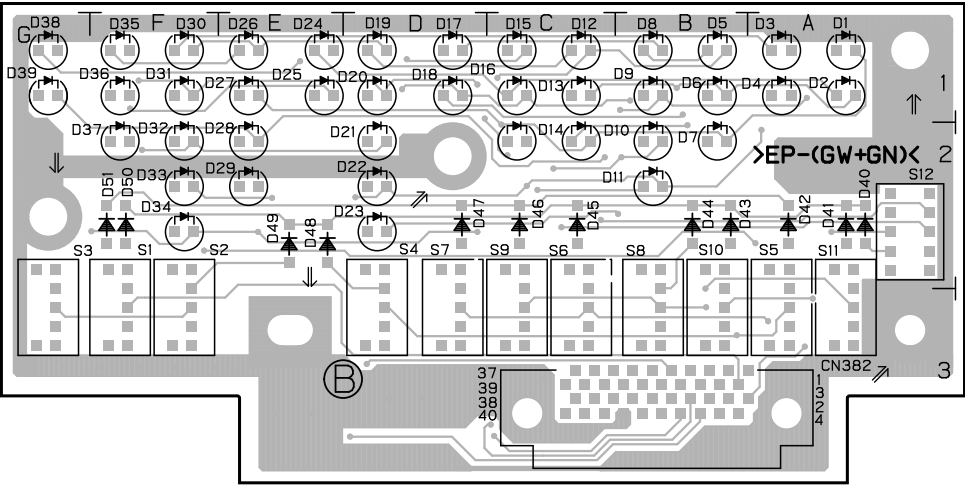
**IF-699 -B SIDE-**  
1-666-620-11



**KY-337 -A SIDE-**  
1-658-962-13

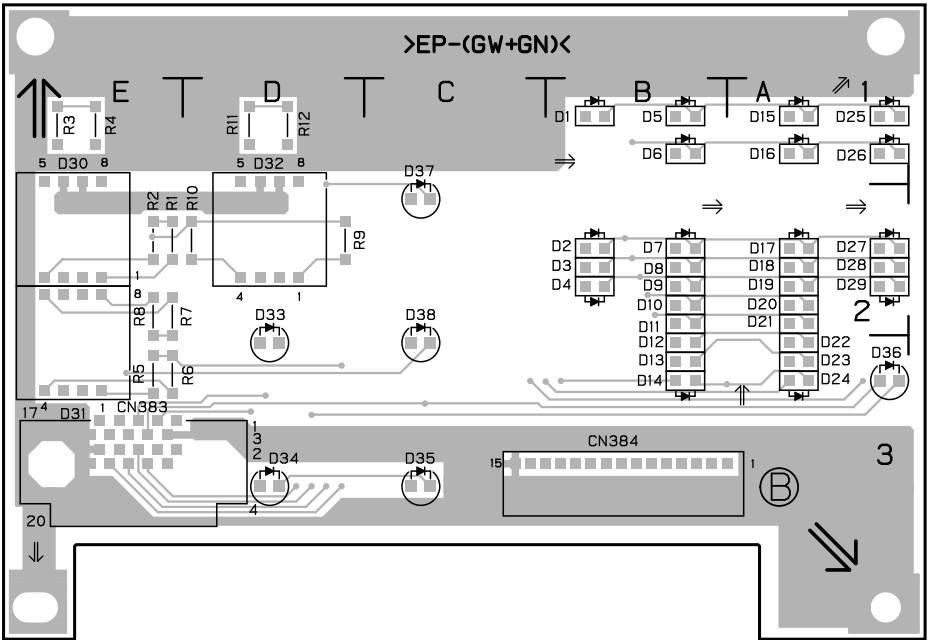


**KY-338 -A SIDE-**  
1-658-952-13



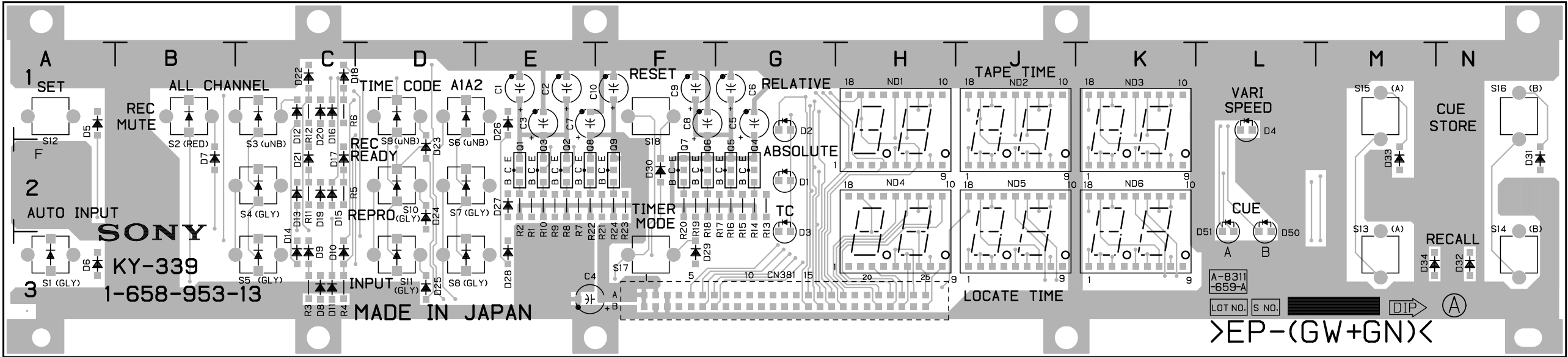
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

**KY-337 -B SIDE-**  
1-658-962-13

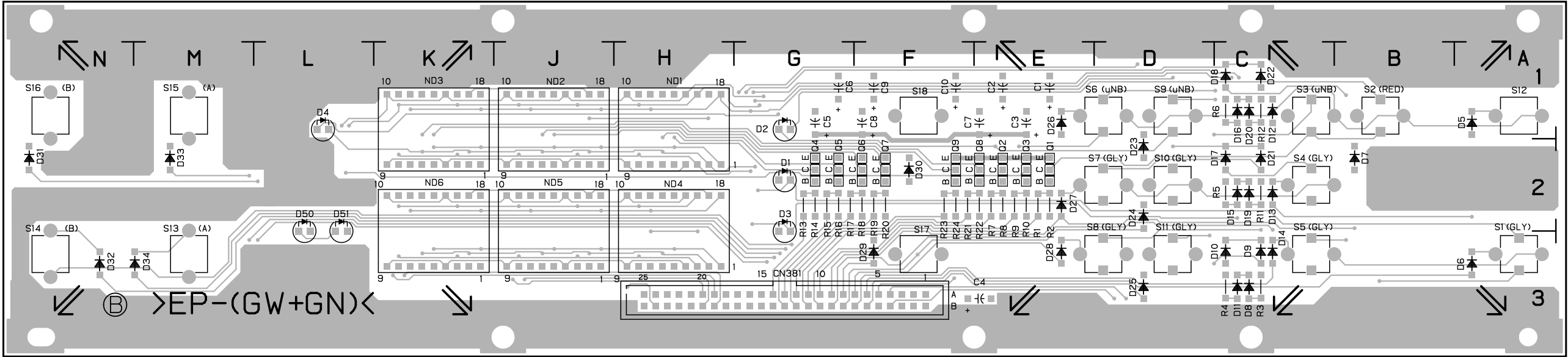


PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

**KY-338 -B SIDE-**  
1-658-952-13



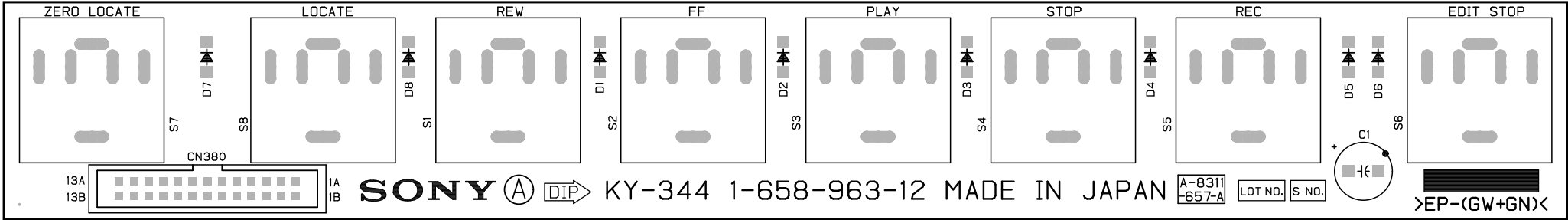
KY-339 -A SIDE-  
1-658-935-13



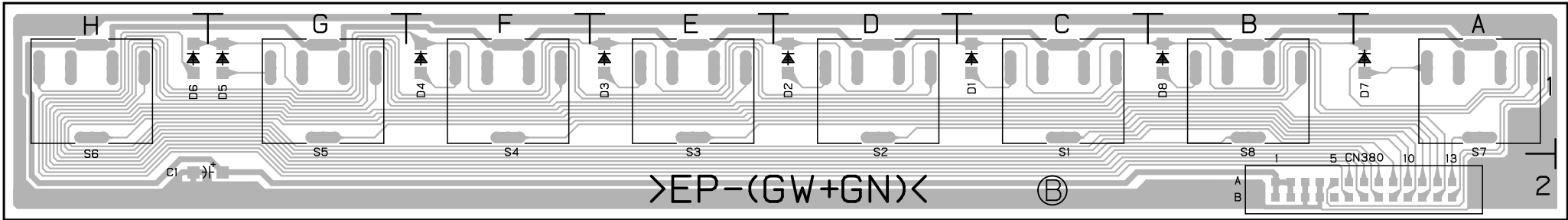
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

KY-339 -B SIDE-  
1-658-935-13



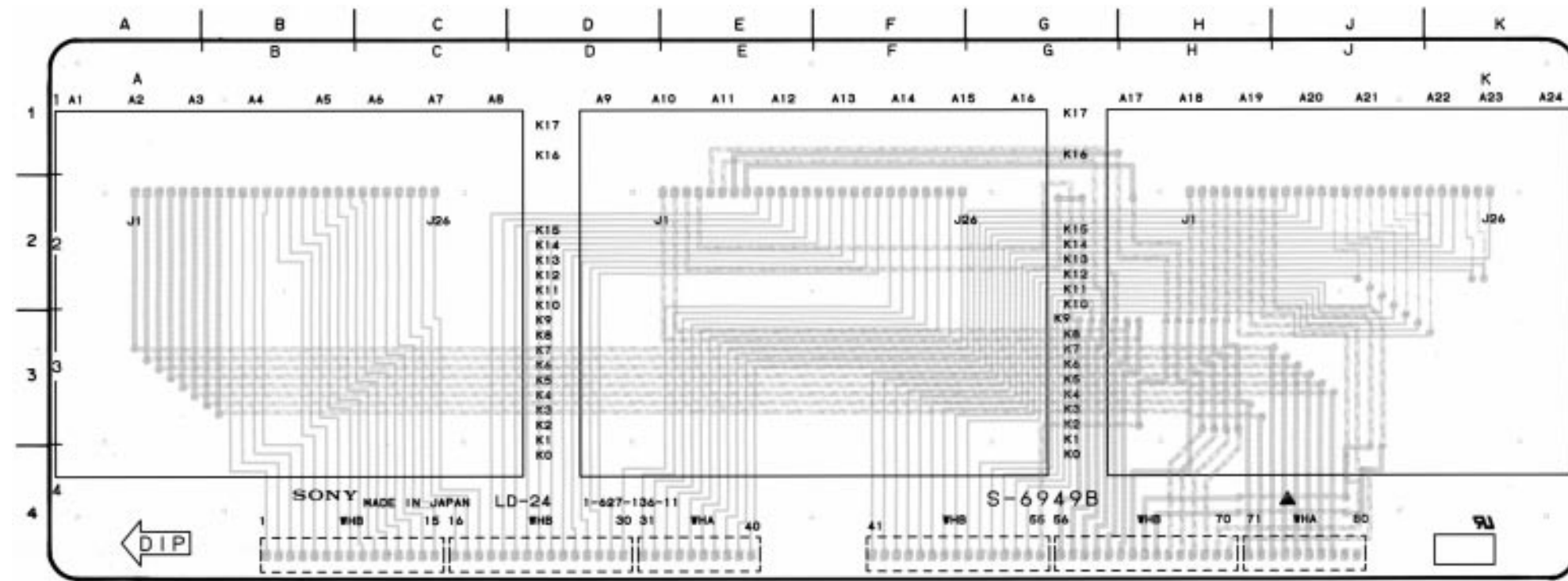


KY-344 -A SIDE-  
1-658-963-12



PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

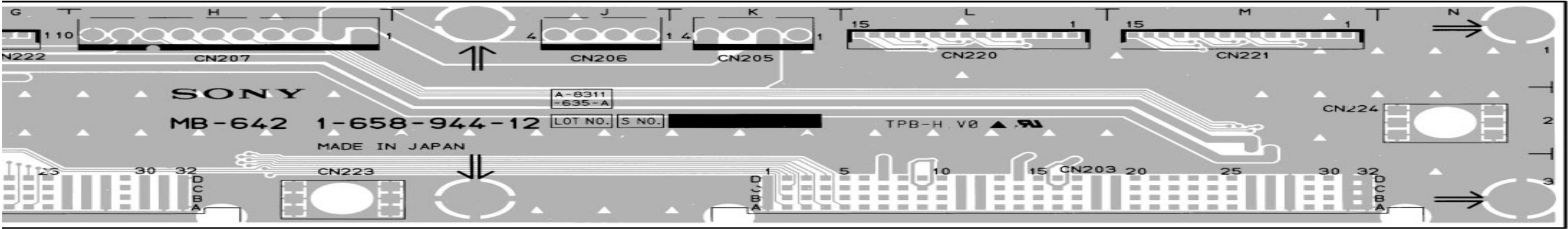
KY-344 -B SIDE-  
1-658-963-12



■ SOLDER SIDE PATTRN  
 ■ COMPONENT SIDE PATTRN

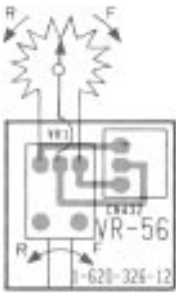
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
 PCM-3348HR (J) : S/N 30001 and Higher

**LD-24** -COMPONENT SIDE-  
 1-627-136-11



PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

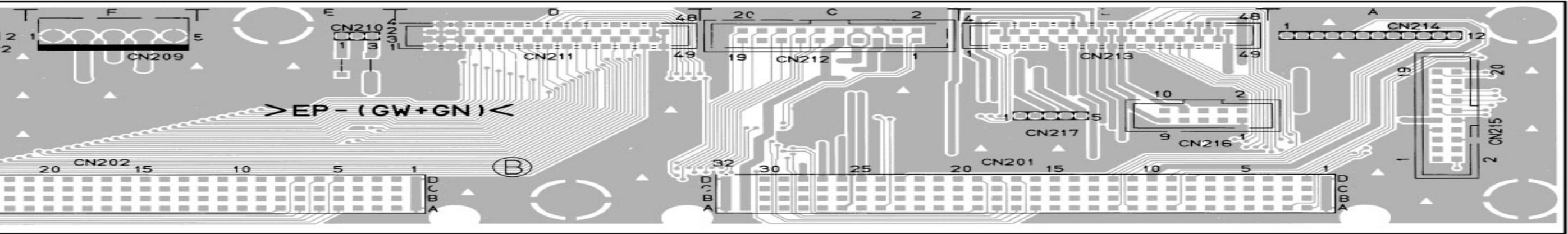
**MB-642** -A SIDE-  
1-658-944-12



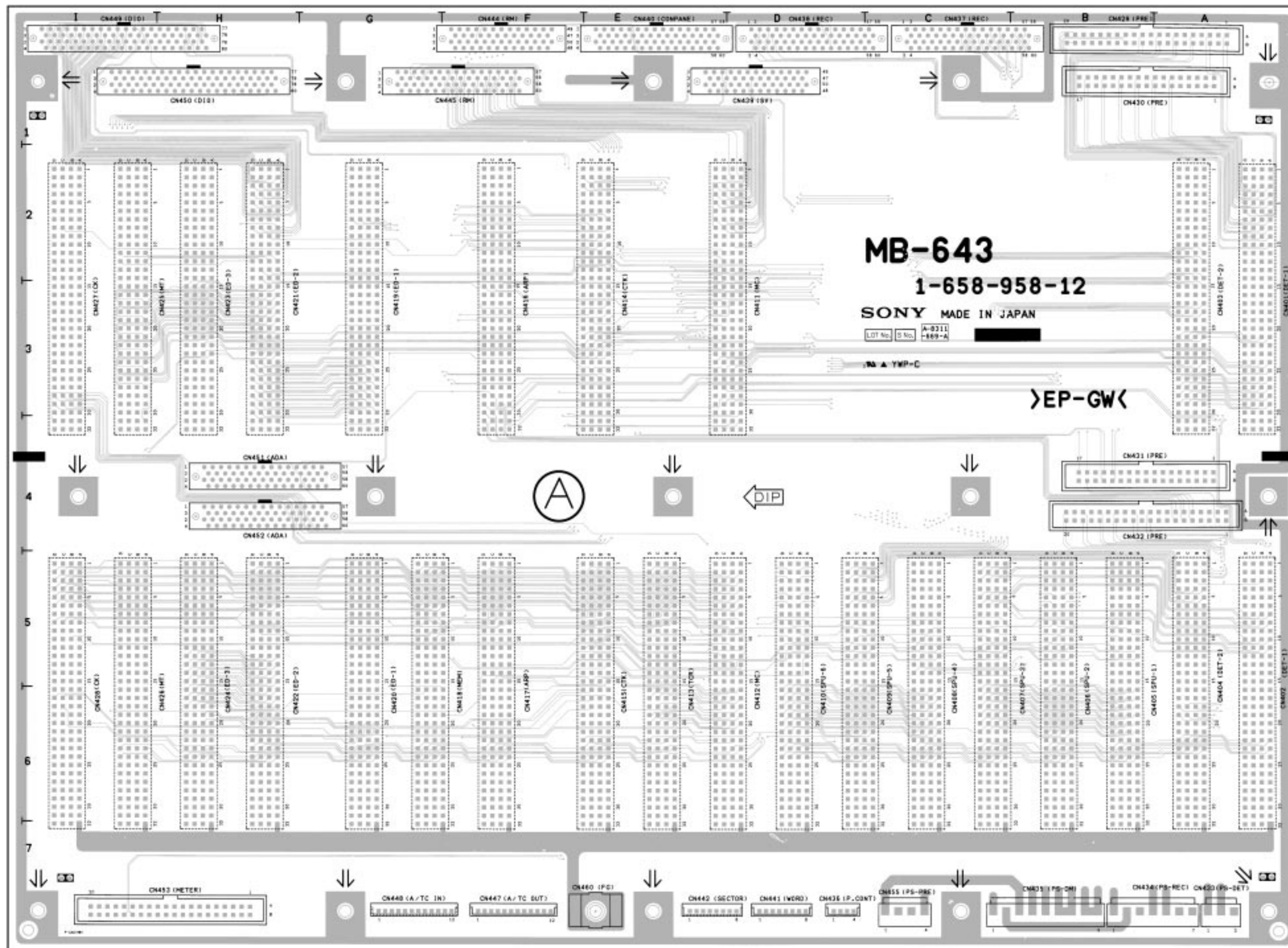
**VR-56** -COMPONENT SIDE-  
1-620-326-12

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

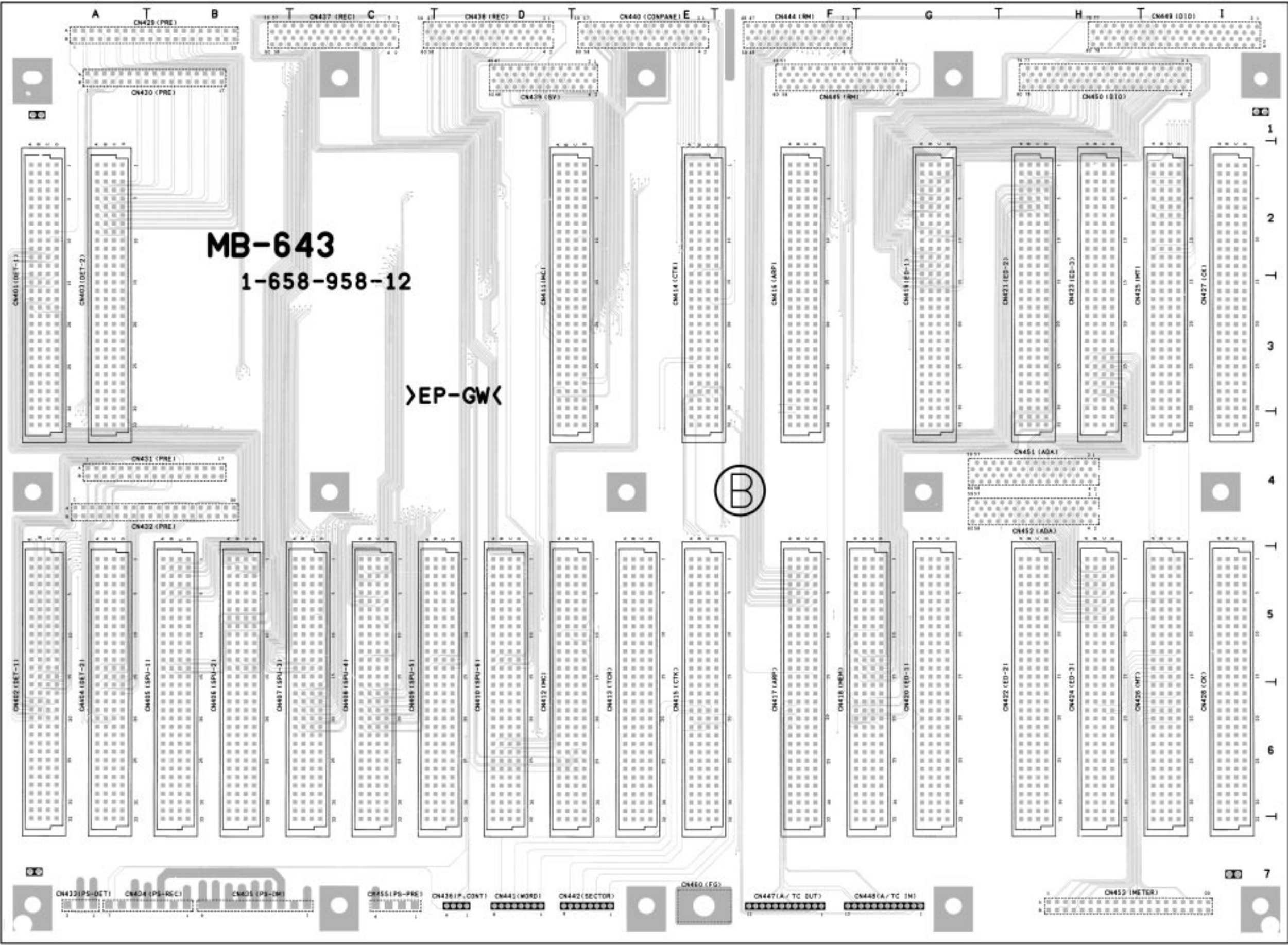




**MB-642 -B SIDE-**  
1-658-944-12



**MB-643** -A SIDE-  
1-658-958-12



MB-643 -B SIDE-  
1-658-958-12

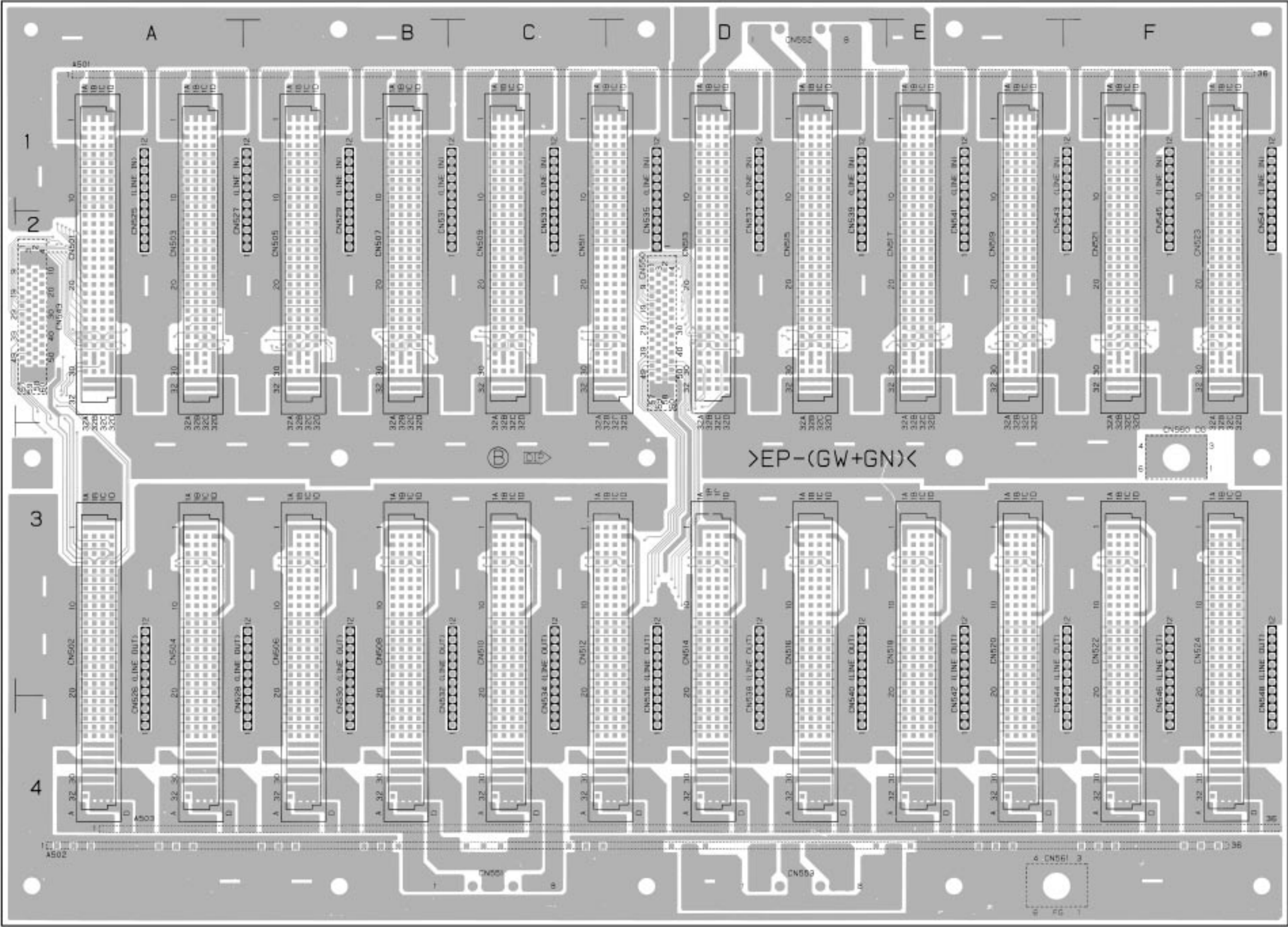




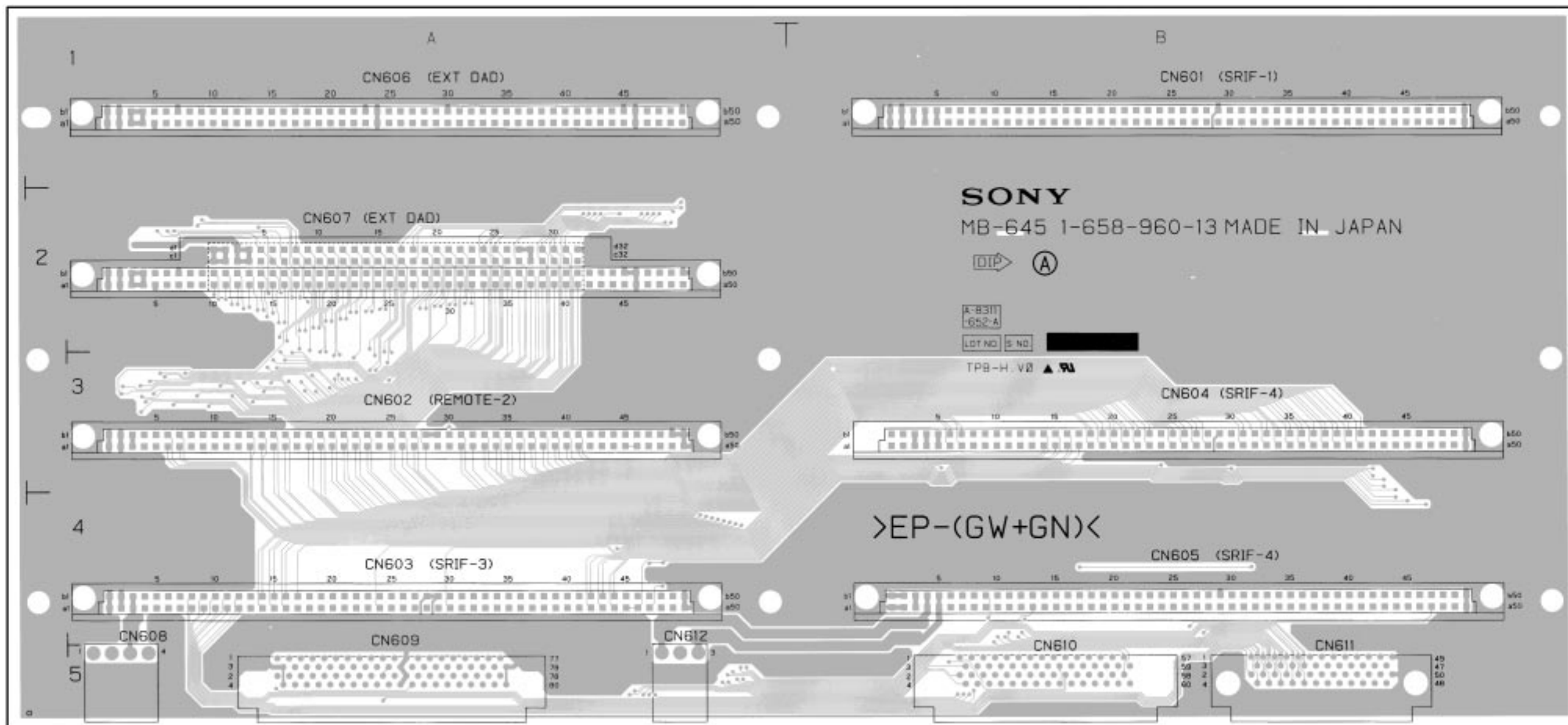
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

**MB-644** -A SIDE-  
1-658-959-13



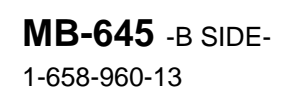


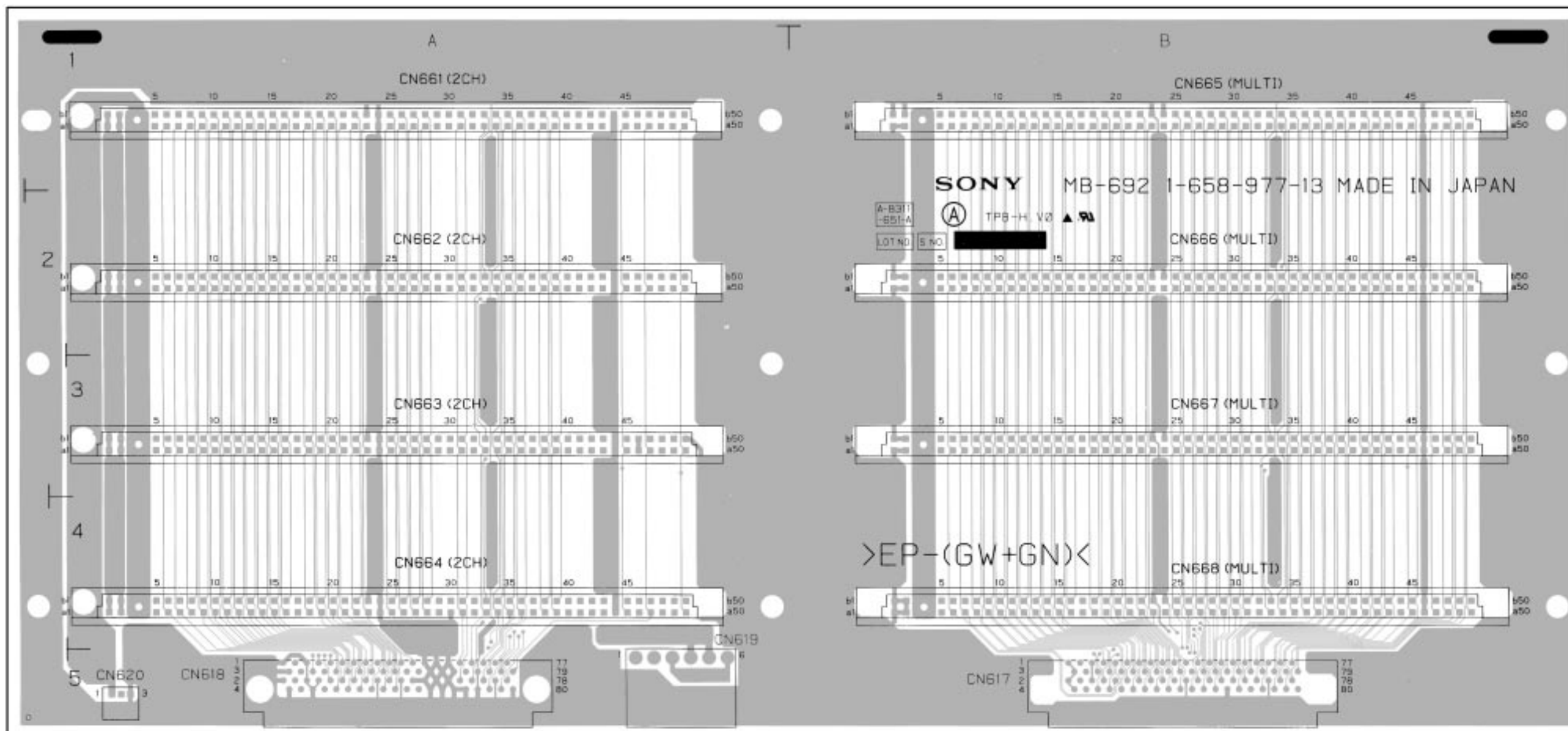
MB-644 -B SIDE-  
1-658-959-13



PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

**MB-645 -A SIDE-**  
1-658-960-13

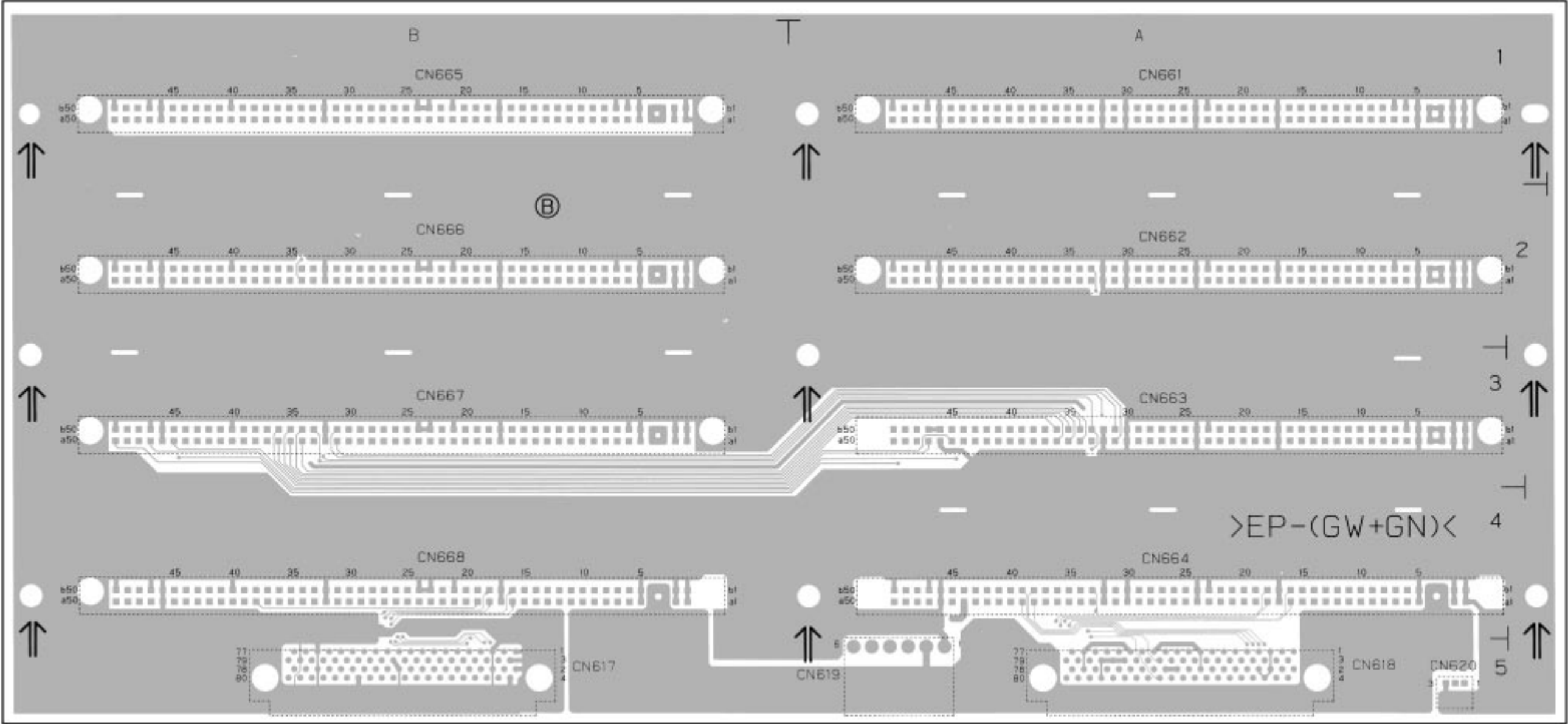




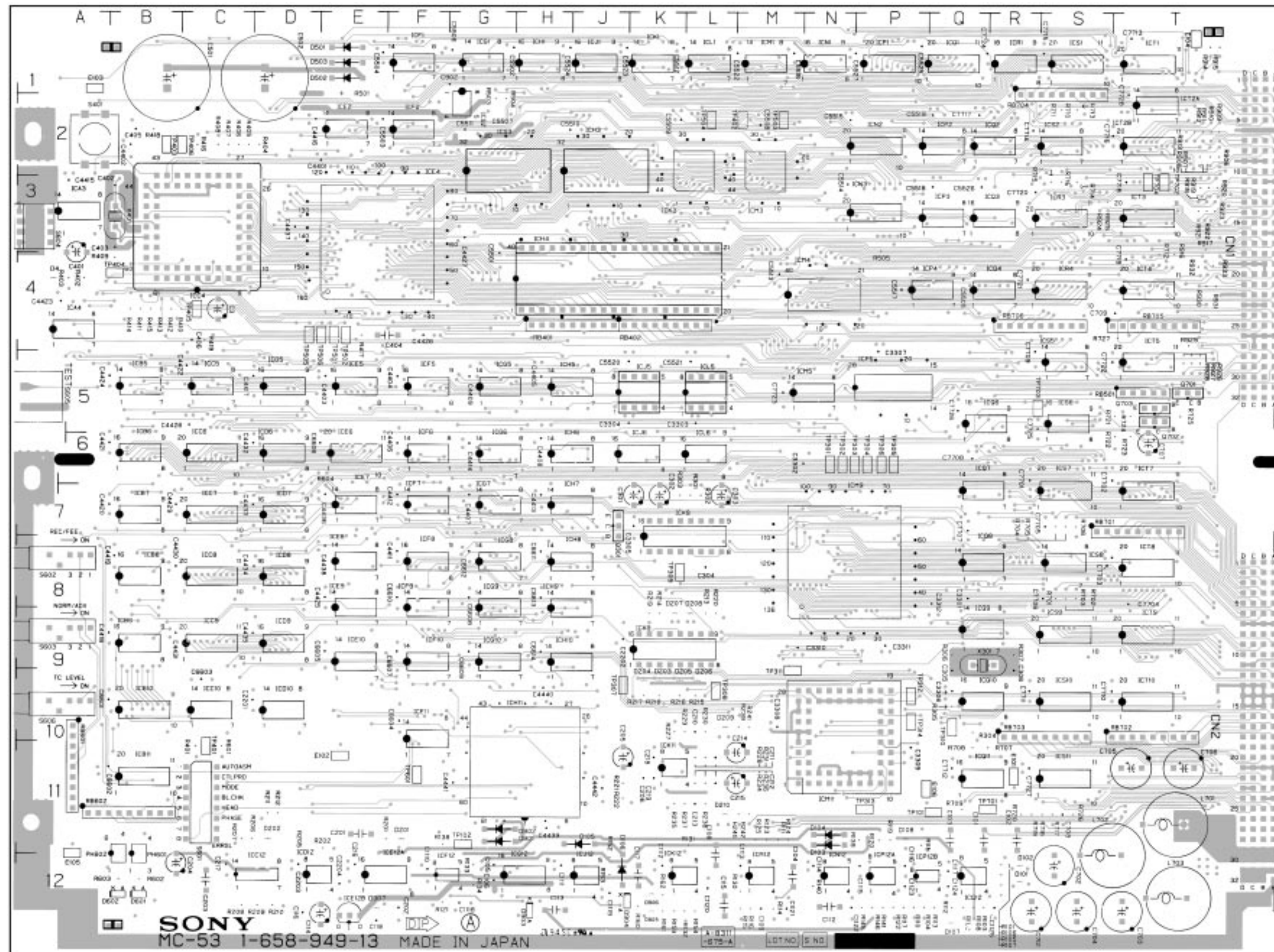
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

**MB-692** -A SIDE-  
1-658-977-13





**MB-692 -B SIDE-**  
1-658-977-13



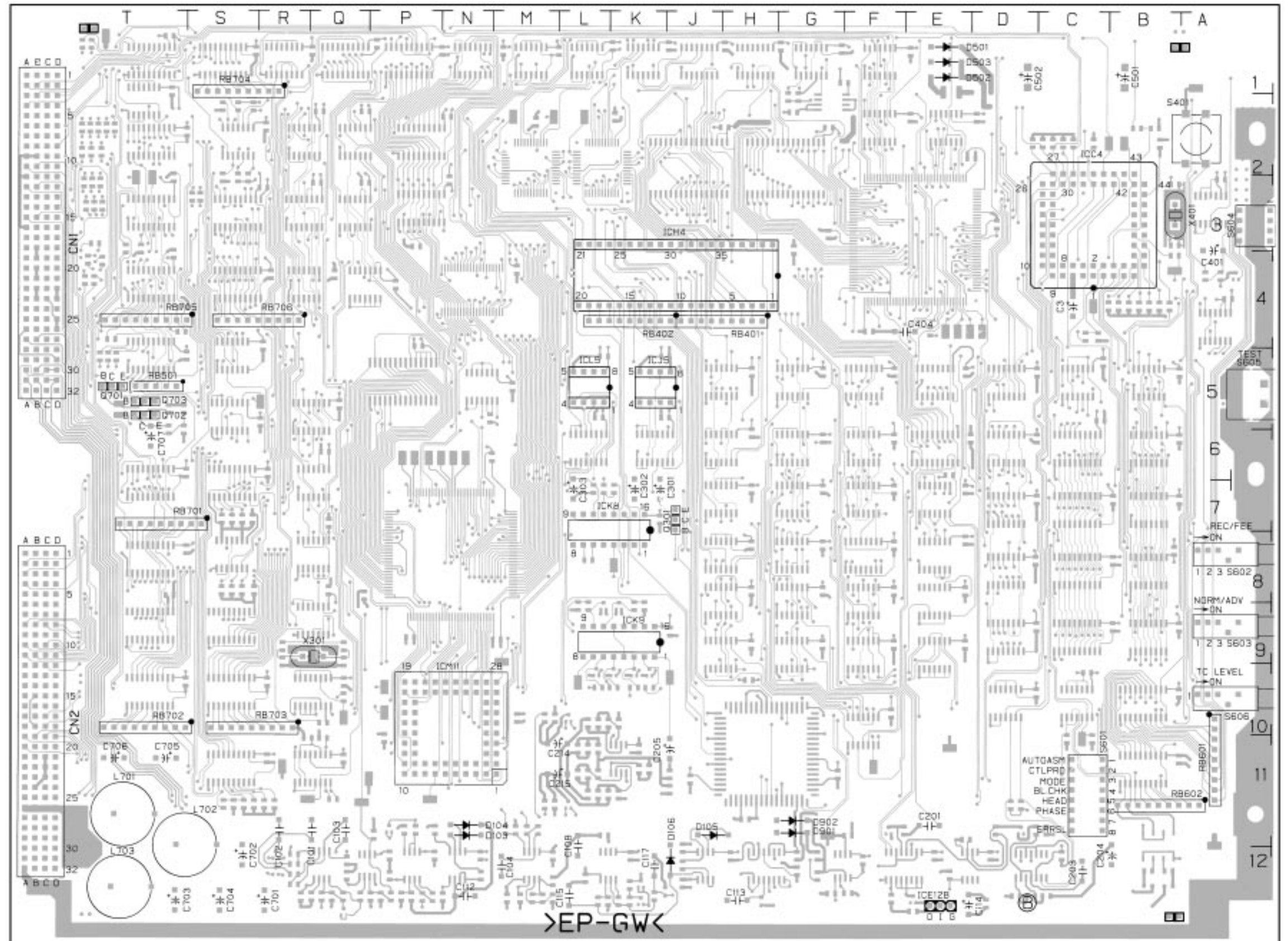
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

MC-53 (1-658-949-13)

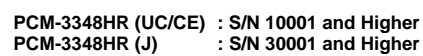
CN1	T3	ICG1	G1
CN2	T10	ICG2	G2
		ICG3	G2
D4	A4	ICG5	G5
D101	R12	ICG6	G6
D102	R12	ICG7	G7
D103	N11	ICG8	G8
D104	N11	ICG9	G8
D105	H11	ICG10	G9
D106	J11	ICG12	H12
D107	Q12		
D108	P11	ICH1	H1
D201	F11	ICH3	J2
D202	D11	ICH4	H4
D203	K10	ICH5	H5
D204	K10	ICH6	H6
D205	K10	ICH7	H7
D206	L10	ICH8	H8
D207	K9	ICH9	H8
D208	L9	ICH10	H9
D209	L10	ICH11	H11
D210	L11		
D501	E1	ICJ1	J1
D502	E1	ICJ5	J5
D503	E1	ICJ6	K6
D601	B12	ICJ12	J12
D602	B12		
D901	G11	ICK1	K1
D902	G11	ICK3	L2
D903	H12	ICK8	K8
D904	J12	ICK9	K9
D905	K12	ICK11	K11
D906	K12	ICK12	K12
D907	E12		
		ICL1	L1
E101	R11	ICL5	L5
E102	E11	ICL6	L6
E103	A1		
E104	T1	ICM1	M1
E105	A11	ICM3	M2
E106	P11	ICM4	N4
		ICM5	N5
ICA3	A3	ICM9	N8
ICA4	A4	ICM11	N10
		ICM12	M12
ICB5	B5		
ICB6	B6	ICN1	N1
ICB7	B7	ICN2	P2
ICB8	B8	ICN3	P3
ICB9	B9	ICN12	N12
ICB10	B10		
ICB11	B11	ICP1	P1
		ICP2	Q2
ICC4	C3	ICP3	Q3
ICC5	C5	ICP4	Q4
ICC6	C6	ICP5	P5
ICC7	C7	ICP12A	P12
ICC8	C8	ICP12B	Q12
ICC9	C9		
ICC10	C10	ICQ1	Q1
ICC12	D12	ICQ2	R2
		ICQ3	R3
		ICQ4	R4
ICD5	D5	ICQ6	Q5
ICD6	D6	ICQ7	Q7
ICD7	D7	ICQ8	Q8
ICD8	D8	ICQ9	Q9
ICD9	D9	ICQ10	Q10
ICD10	D10	ICQ11	Q11
ICD12	D12	ICQ12	Q12
ICE2	E2	ICR1	R1
ICE4	E3	ICR3	S3
ICE5	E5	ICR4	S4
ICE6	E6		
ICE7	E7	ICS1	S1
ICE8	E8	ICS2	S2
ICE9	E8	ICS5	S5
ICE10	E9	ICS6	S5
ICE12A	E12	ICS7	S7
ICE12B	E12	ICS8	S8
		ICS9	S9
ICF1	F1	ICS10	S10
ICF2	F2	ICS11	S11
ICF5	F5	ICS408	H11
ICF6	F6	ICS439	C3
ICF7	F7	ICS504	H4
ICF8	F8	ICS516	J5
ICF9	F8	ICS521	L5
ICF10	F9		
ICF11	F10	ICT1	T1
ICF12	F12	ICT3	T3

MC-53 -A SIDE-  
1-658-949-13

ICT4	T4
ICT5	T5
ICT7	T7
ICT8	T8
ICT9	T9
ICT10	T10
ICT2A	T2
ICT2B	T2
PH601	B11
PH602	B11
Q301	J7
Q701	T5
Q702	T5
Q703	T5
RB401	H4
RB402	J4
RB501	T5
RB601	A10
RB602	A11
RB701	S7
RB702	S10
RB703	R10
RB704	R1
RB705	S4
RB706	R4
S401	A2
S601	C11
S602	A8
S603	A9
S604	A3
S605	A5
S606	A10
TP101	Q11
TP102	G11
TP301	N6
TP302	N6
TP303	N6
TP304	P6
TP305	P6
TP306	P6
TP307	J10
TP308	L10
TP309	K8
TP310	Q10
TP311	M9
TP312	P10
TP313	P11
TP314	P10
TP401	C11
TP402	M2
TP403	B2
TP404	B4
TP405	C4
TP406	B2
TP501	E4
TP502	E4
TP503	M2
TP504	L2
TP505	D4
TP506	E4
TP601	F11
TP701	Q11
TP702	T3
TP703	R5
TP704	T3
X301	Q9
X401	B3





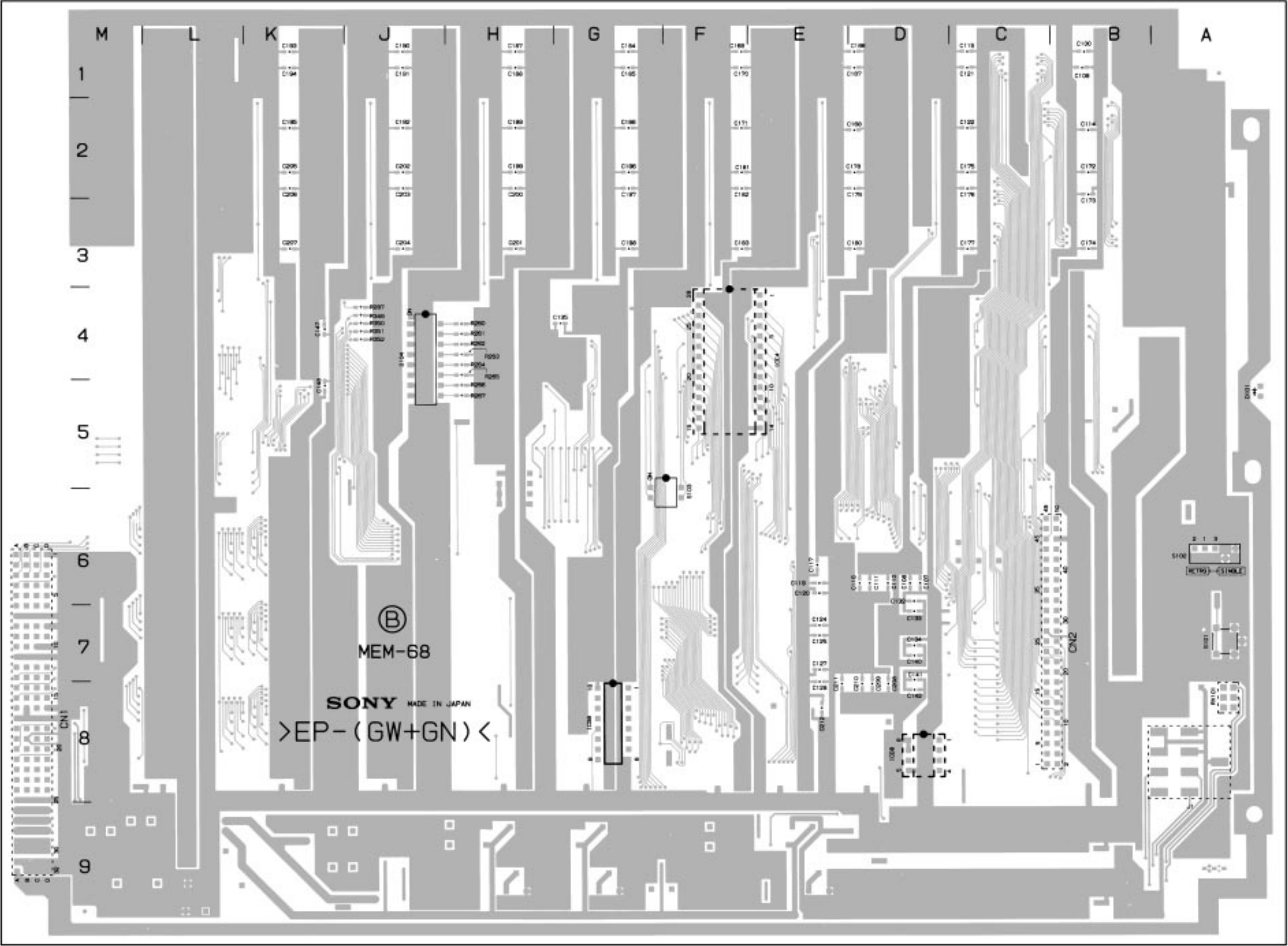


PCM-3348HR

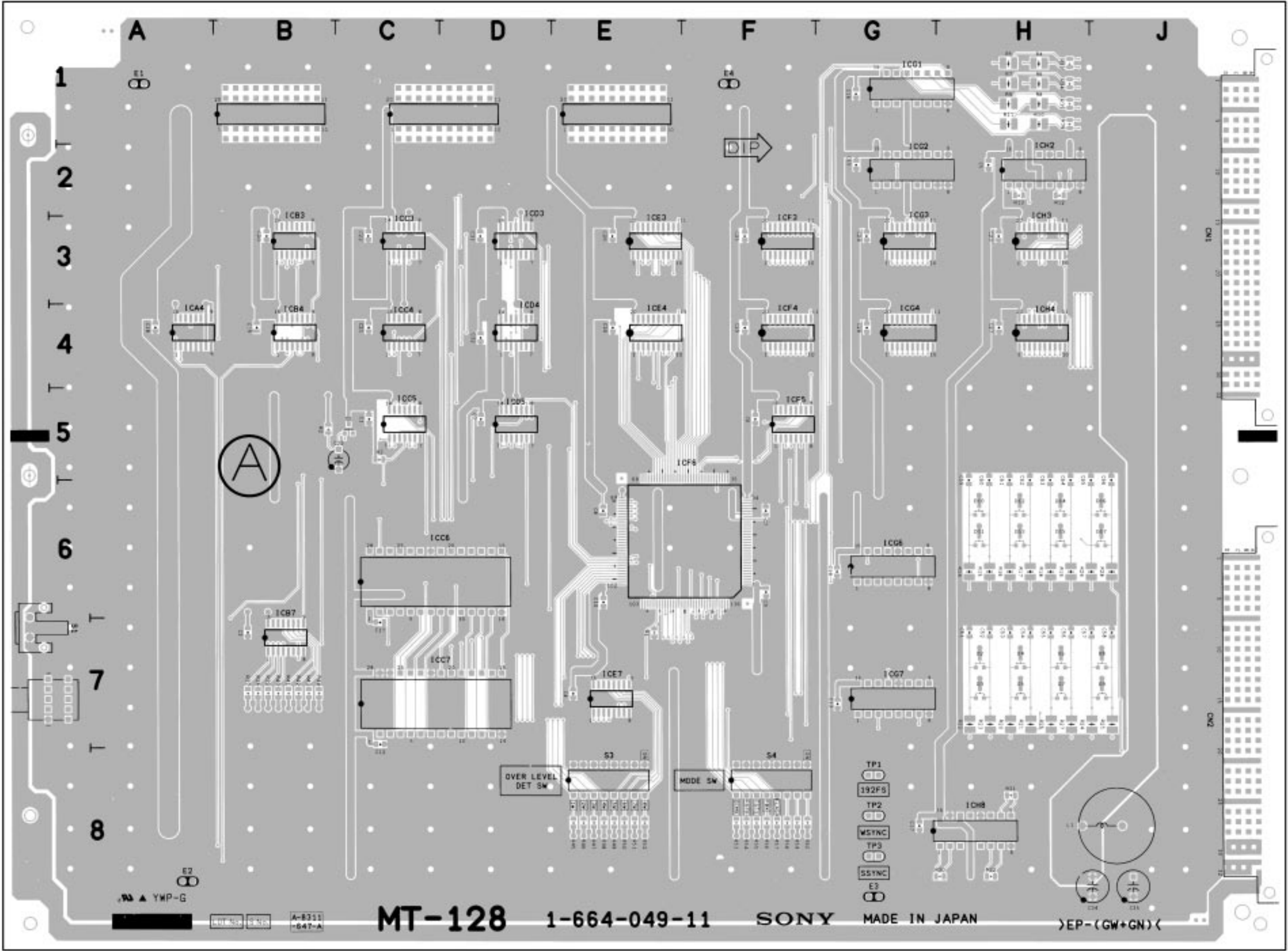
CN1	M8
D101	A5
D102	A5
D103	C5
D104	K9
D105	K9
D501	F9
D502	J9
D503	J9
D504	J9
E101	A2
E102	B9
E103	B9
E104	K9
E105	M8
ICB1	B1
ICB2	B2
ICB4	B4
ICB5	B5
ICC1	C1
ICC2	C2
ICD1	D1
ICD2	D2
ICD4	D4
ICD5	D5
ICD6	D7
ICD8	D8
ICE1	E1
ICE2	E2
ICE4	E4
ICE9	E9
ICG1	G1
ICG2	G2
ICG4	G4
ICG5	G5
ICG8	G8
ICG9	G9
ICH1	H1
ICH2	H2
ICH8	H8
ICH9	H9
ICJ1	J1
ICJ2	J2
ICJ4	K4
ICJ5	J5
ICK1	K1
ICK2	K2
ICK5	K5
ICK6	K6
ICK7	K7
ICK8	K8
ICL3	L3
ICL4	L4
ICL5	L5
ICL6	L6
ICL7	L7
ICL8	L8
J1	A8
Q101	B5
RB100	C2
RB101	C2
RB102	D2
RB103	D2
RB104	E2
RB105	E2
RB106	F2
RB107	F2
RB108	G2
RB109	G2
RB110	H2
RB111	H2
RB112	J2
RB113	J2
RB114	K2
RB115	K2
RV101	A8



S102	A6
TP100	A6
TP101	A6
TP102	F8
TP103	F8
TP104	H5
TP501	D9
X101	H6



MEM-68 -B SIDE-  
1-664-048-12

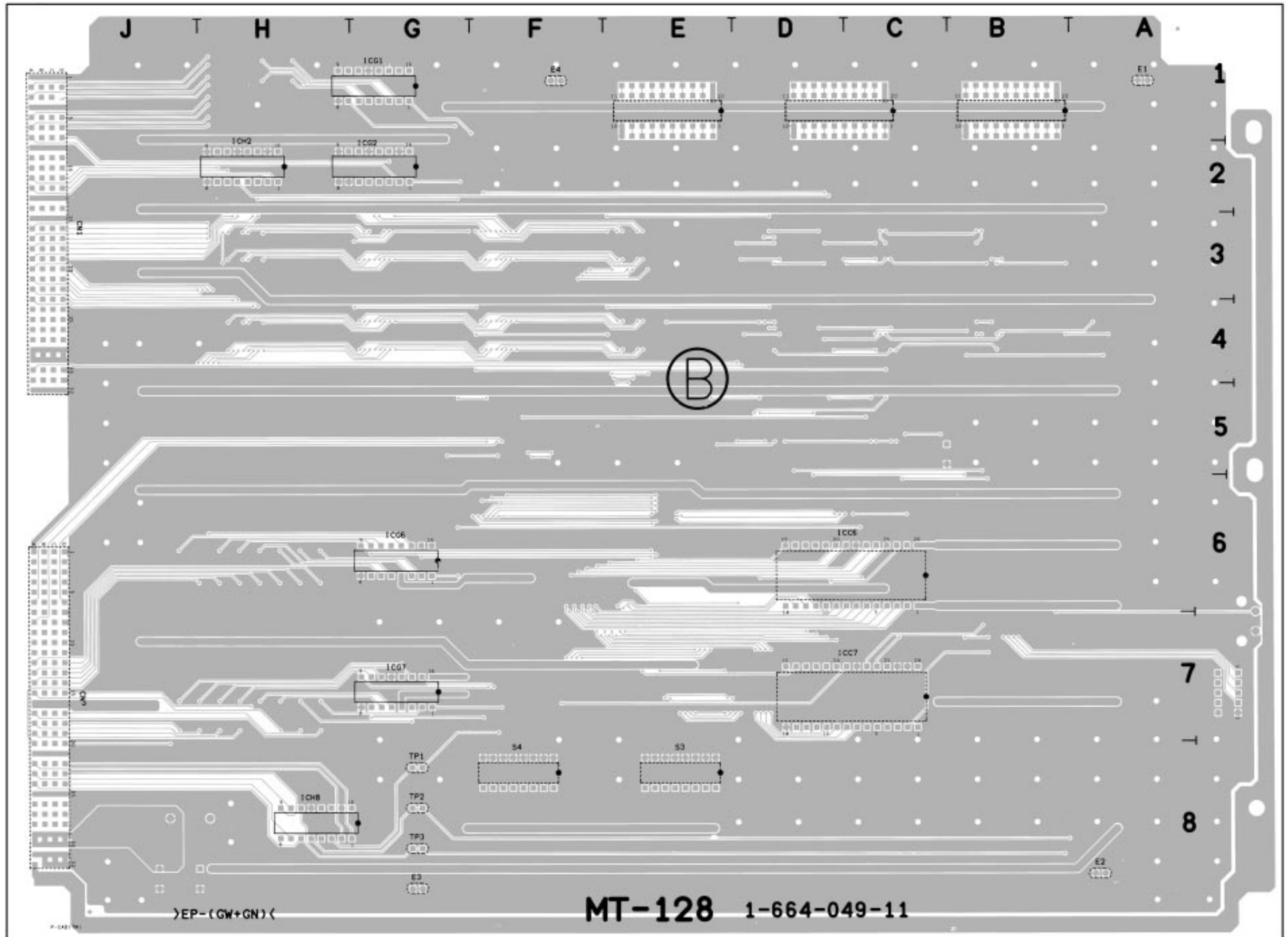


MT-128 (1-664-049-11)

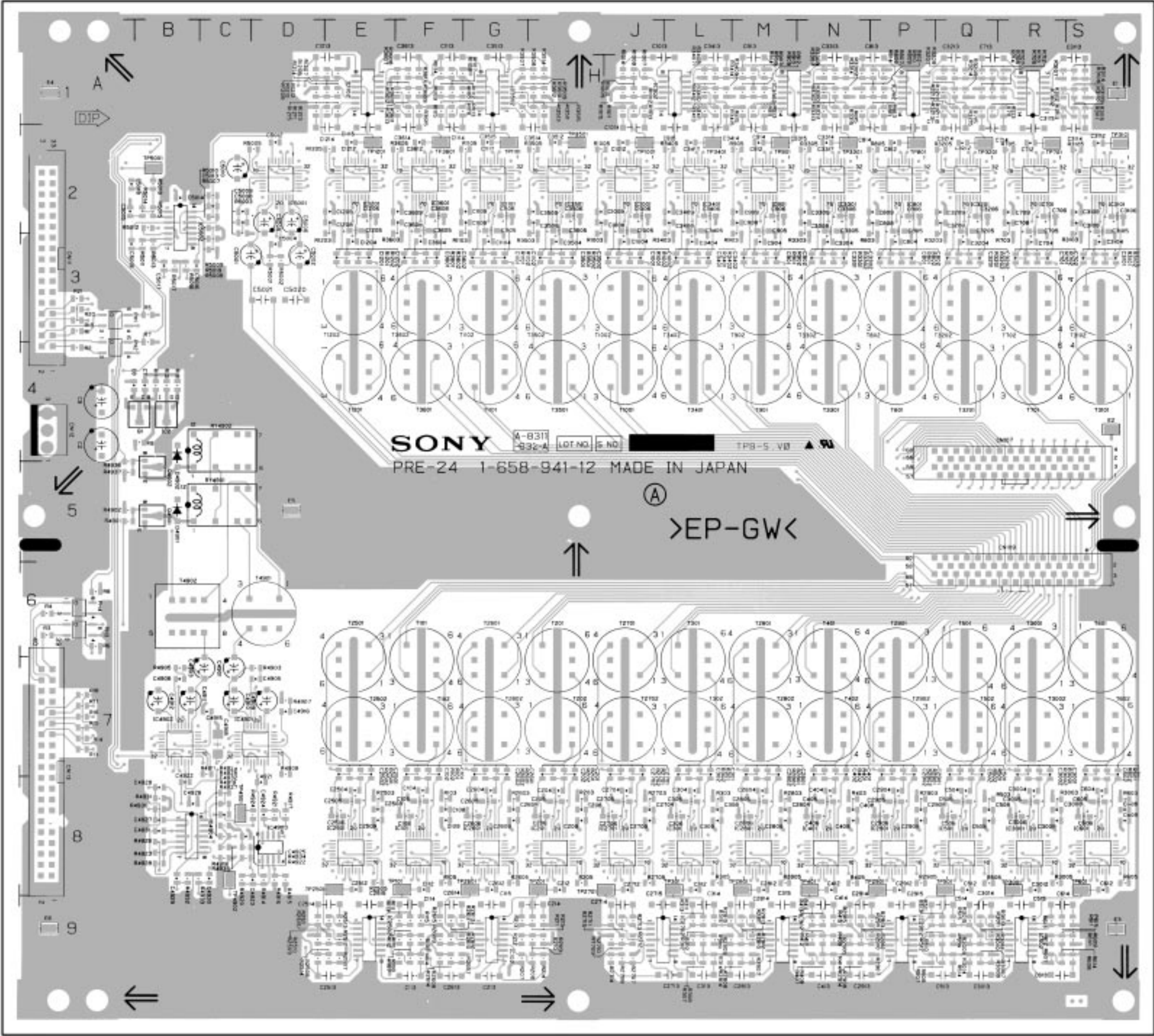
CN1	J3
CN2	J7
D1	C5
D2	H7
D3	H7
D4	H7
D5	H7
D6	H7
D7	H7
D8	J7
D9	J7
D10	H6
D11	H6
D12	H6
D13	H6
D14	H6
D15	H6
D16	J6
D17	J6
E1	A1
E2	A8
E3	G8
E4	F1
ICA4	A4
ICB3	B3
ICB4	B4
ICB7	B7
ICC3	C3
ICC4	C4
ICC5	C5
ICC6	C6
ICC7	C7
ICD3	D3
ICD4	D4
ICD5	D5
ICE3	E3
ICE4	E4
ICE7	E7
ICF3	F3
ICF4	F4
ICF5	F5
ICF6	F6
ICG1	G1
ICG2	G2
ICG3	G3
ICG4	G4
ICG6	G6
ICG7	G7
ICH2	H2
ICH3	H3
ICH4	H4
ICH8	H8
S1	A7
S2	A7
S3	E8
S4	F8
TP1	G8
TP2	G8
TP3	G8

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

**MT-128** -A SIDE-  
1-664-049-11







PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

PRE-24 (1-658-941-12)

CN107 R5  
CN109 R6  
CN111 A3  
CN112 A4  
CN113 A7

D4901 B5  
D4902 B4

E1 S1  
E2 S4  
E3 S9  
E4 A1  
E5 D5  
E6 A9

IC2 B4  
IC101 F8  
IC102 G9  
IC201 H8  
IC301 L8  
IC302 M9  
IC401 N8  
IC501 Q8  
IC502 R9  
IC601 S8  
IC701 R2  
IC702 P1  
IC801 P2  
IC901 M2  
IC902 L1  
IC1001 J2  
IC1101 G2  
IC1102 E1  
IC1201 E2  
IC2501 E8  
IC2502 E9  
IC2601 G8  
IC2701 J8  
IC2702 J9  
IC2801 M8  
IC2901 P8  
IC2902 P9  
IC3001 R8  
IC3101 S2  
IC3102 R1  
IC3201 Q2  
IC3301 N2  
IC3302 M1  
IC3401 L2  
IC3501 H2  
IC3502 G1  
IC3601 F2  
IC4901 D7  
IC4902 B7  
IC4903 D8  
IC4904 B8  
IC5001 D2  
IC5002 B2

PH1 A3  
PH2 A4  
PH3 A6  
PH4 A6

Q1 B4  
Q4901 B5  
Q4902 B5

RY4901 B5  
RY4902 B5

TP101 F8  
TP201 H8  
TP301 L8  
TP401 N8  
TP501 Q8  
TP601 S8  
TP701 R2  
TP801 P2  
TP901 M2  
TP1001 J2  
TP1101 G2  
TP1201 E2  
TP2501 E8  
TP2601 G8  
TP2701 J8  
TP2801 M8  
TP2901 P8  
TP3001 R8  
TP3101 S2  
TP3201 Q2

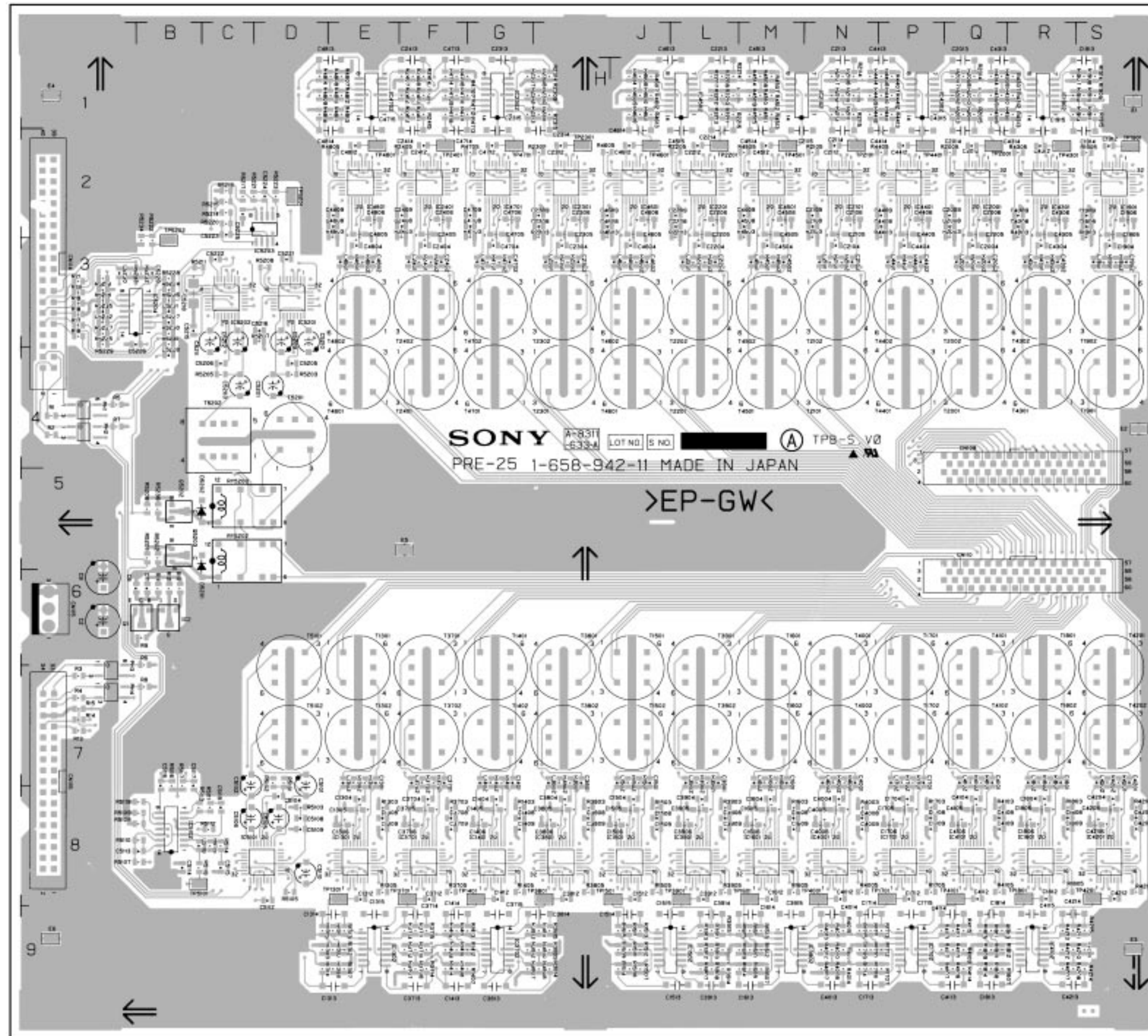
PRE-24 -A SIDE-  
1-658-941-12



TP3301 N2  
TP3401 L2  
TP3501 H2  
TP3601 F2  
TP4901 C8  
TP4902 C8  
TP5001 B2

T101 F7  
T102 F7  
T201 H7  
T202 H7  
T301 L7  
T302 L7  
T401 N7  
T402 N7  
T501 Q7  
T502 Q7  
T601 S7  
T602 S7  
T701 R4  
T702 R3  
T801 P4  
T802 P3  
T901 M4  
T902 M3  
T1001 J4  
T1002 J3  
T1101 G4  
T1102 G3  
T1201 E4  
T1202 E3  
T2501 E7  
T2502 E7  
T2601 G7  
T2602 G7  
T2701 J7  
T2702 J7  
T2801 M7  
T2802 M7  
T2901 P7  
T2902 P7  
T3001 R7  
T3002 R7  
T3101 S4  
T3102 S3  
T3201 Q4  
T3202 Q3  
T3301 N4  
T3302 N3  
T3401 L4  
T3402 L3  
T3501 H4  
T3502 H3  
T3601 F4  
T3602 F3  
T4902 B6





PRE-25 (1-658-942-11)

CN108	R5
CN110	R6
CN114	A3
CN115	A6
CN116	A7

D5201	B5
D5202	B5

E1	S1
E2	S4
E3	S9
E4	A1
E5	F5
E6	A9

IC2	B6
IC1301	E8
IC1302	E9
IC1401	G8
IC1501	J8
IC1502	J9
IC1601	M8
IC1701	P8
IC1702	P9
IC1801	R8
IC1901	S2
IC1902	R1
IC2001	Q2
IC2101	N2
IC2102	M1
IC2201	L2
IC2301	H2
IC2302	G1
IC2401	F2
IC3701	F8
IC3702	G9
IC3801	H8
IC3901	L8
IC3902	M9
IC4001	N8
IC4101	Q8
IC4102	R9
IC4201	S8
IC4301	R2
IC4302	P1
IC4401	P2
IC4501	M2
IC4502	L1
IC4601	J2
IC4701	G2
IC4702	E1
IC4801	E2
IC5101	D8
IC5102	B8
IC5201	D3
IC5202	C3
IC5203	D2
IC5204	A3

PH1	A4
PH2	A4
PH3	A7
PH4	A7

Q1	B6
Q5202	B5
Q5203	B5

RY5202	C6
RY5203	C5

TP1301	E8
TP1401	G8
TP1501	J8
TP1601	M8
TP1701	P8
TP1801	R8
TP1901	S2
TP2001	Q2
TP2101	N2
TP2201	L2
TP2301	H2
TP2401	F2
TP3701	F8
TP3801	H8
TP3901	L8
TP4001	N8
TP4101	Q8
TP4201	S8
TP4301	R2
TP4401	P2

**PRE-25 -A SIDE-**  
1-658-942-11

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

TP4501  
M2  
TP4601  
J2  
TP4701  
G2  
TP4801  
E2  
TP5101  
B8  
TP5201  
D2  
TP5202  
B3  
  
T1301  
E7  
T1302  
E7  
T1401  
G7  
T1402  
G7  
T1501  
J7  
T1502  
J7  
T1601  
M7  
T1602  
M7  
T1701  
P7  
T1702  
P7  
T1801  
R7  
T1802  
R7  
T1901  
S4  
T1902  
S3  
T2001  
Q4  
T2002  
Q3  
T2101  
N4  
T2102  
N3  
T2201  
L4  
T2202  
L3  
T2301  
H4  
T2302  
H3  
T2401  
F4  
T2402  
F3  
T3701  
F7  
T3702  
F7  
T3801  
H7  
T3802  
H7  
T3901  
L7  
T3902  
L7  
T4001  
N7  
T4002  
N7  
T4101  
Q7  
T4102  
Q7  
T4201  
S7  
T4202  
S7  
T4301  
R4  
T4302  
R3  
T4401  
P4  
T4402  
P3  
T4501  
M4



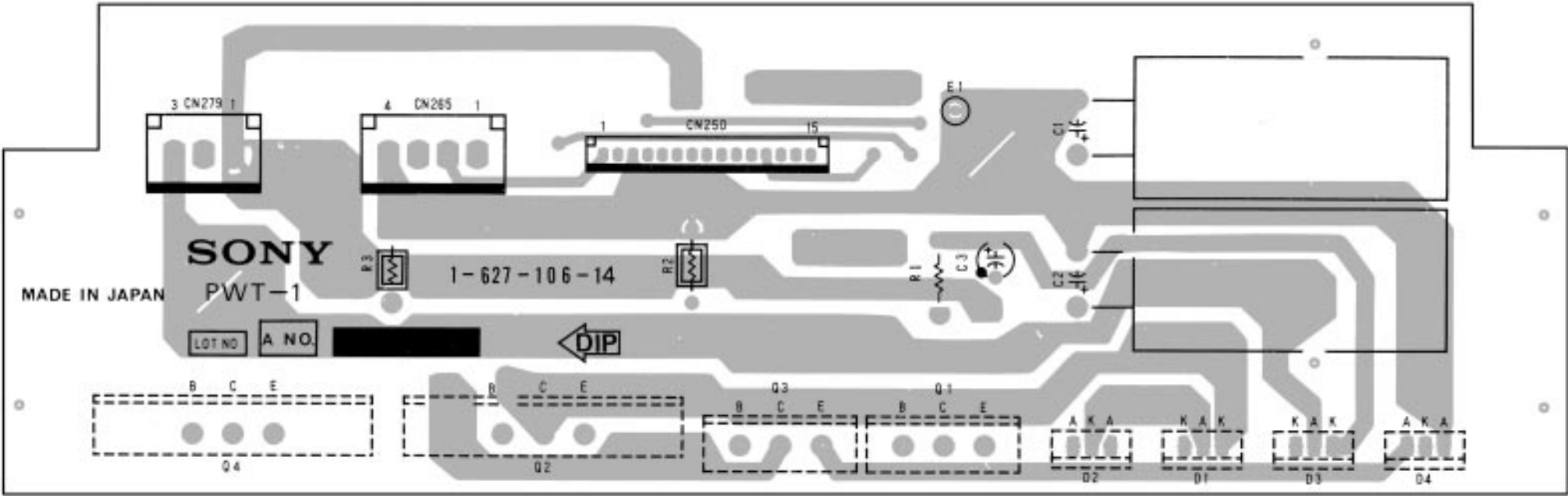
PRE-25 -B SIDE-  
1-658-942-11



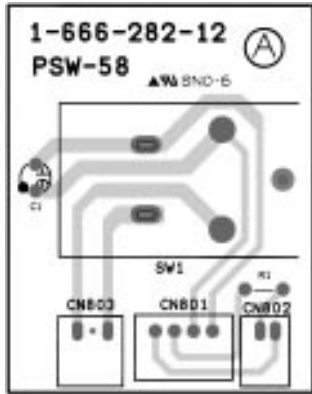


**PE-18** -COMPONENT SIDE-  
1-620-916-11

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

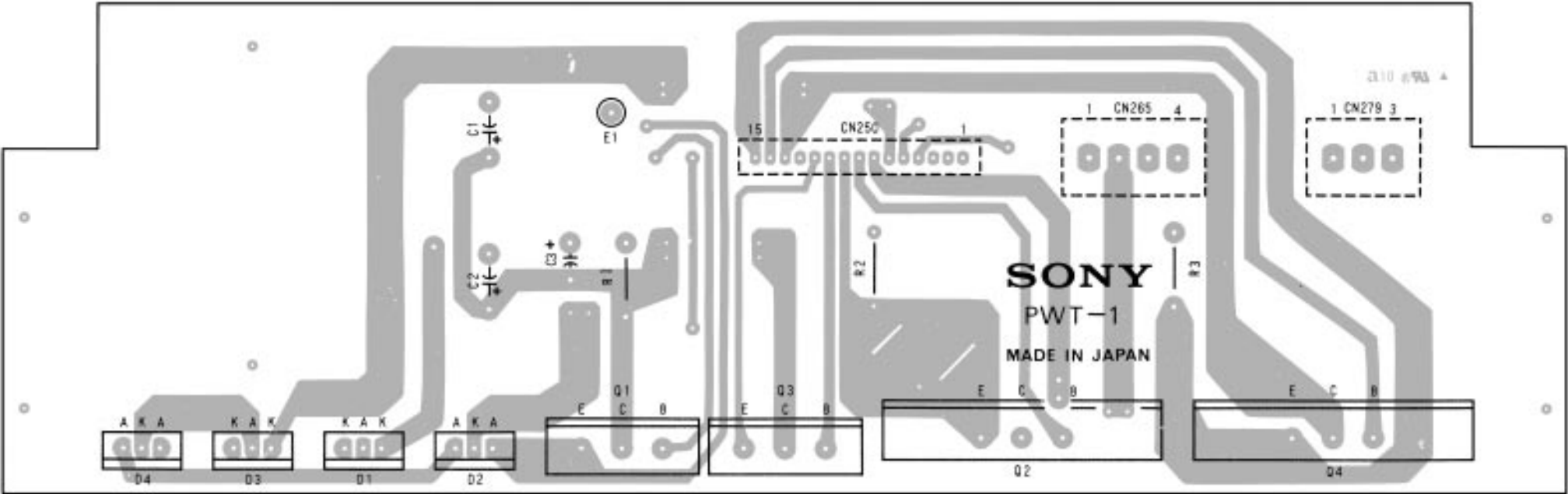


**PWT-1** -A SIDE-  
1-627-106-14



**PSW-58** -A SIDE-  
1-666-282-12

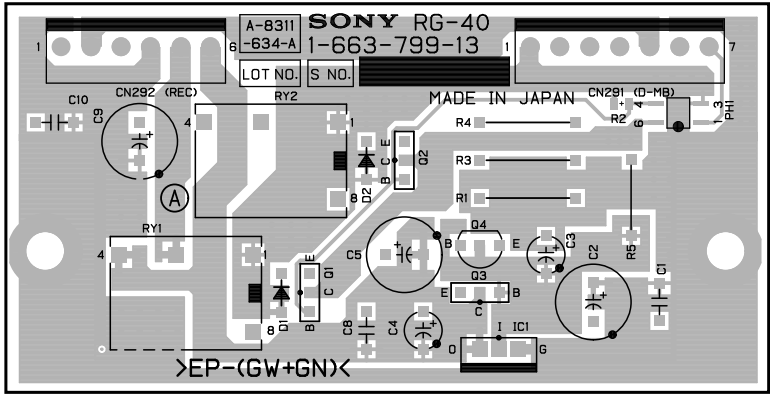
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



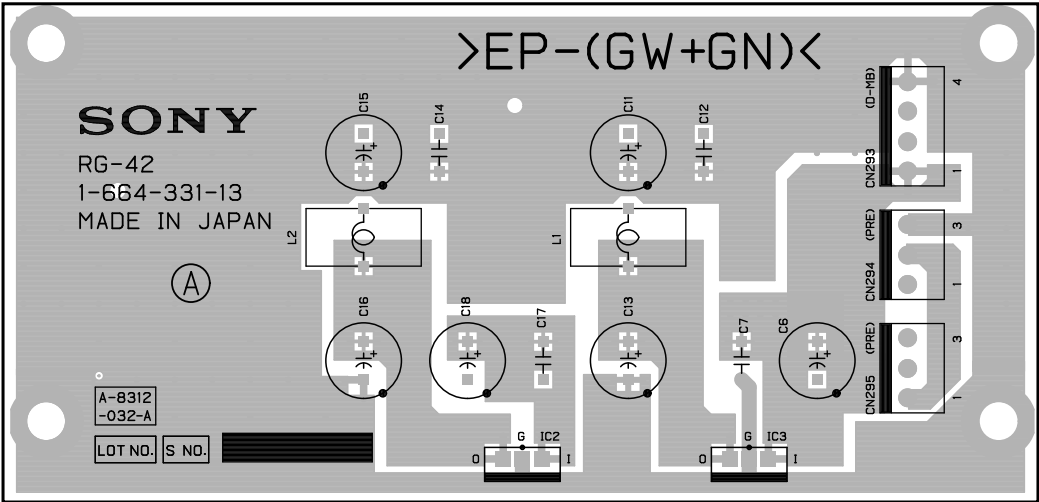
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

**PWT-1** -B SIDE-  
1-627-106-14

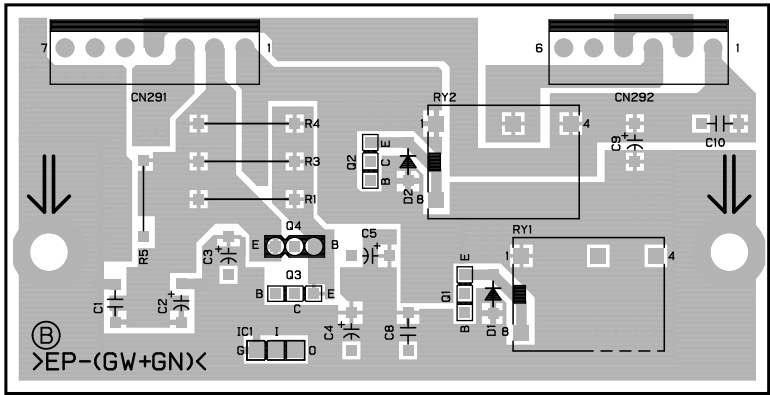




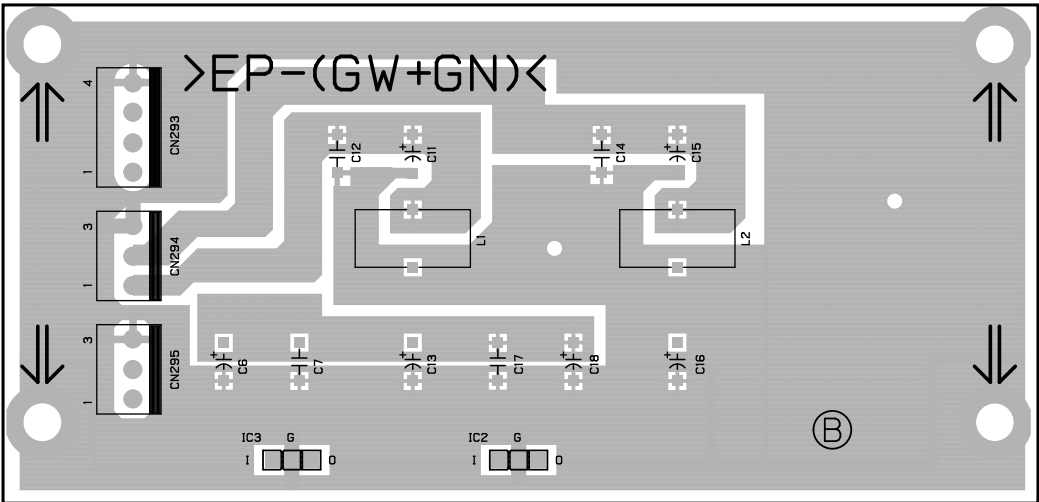
**RG-40** -A SIDE-  
1-663-799-12, 13



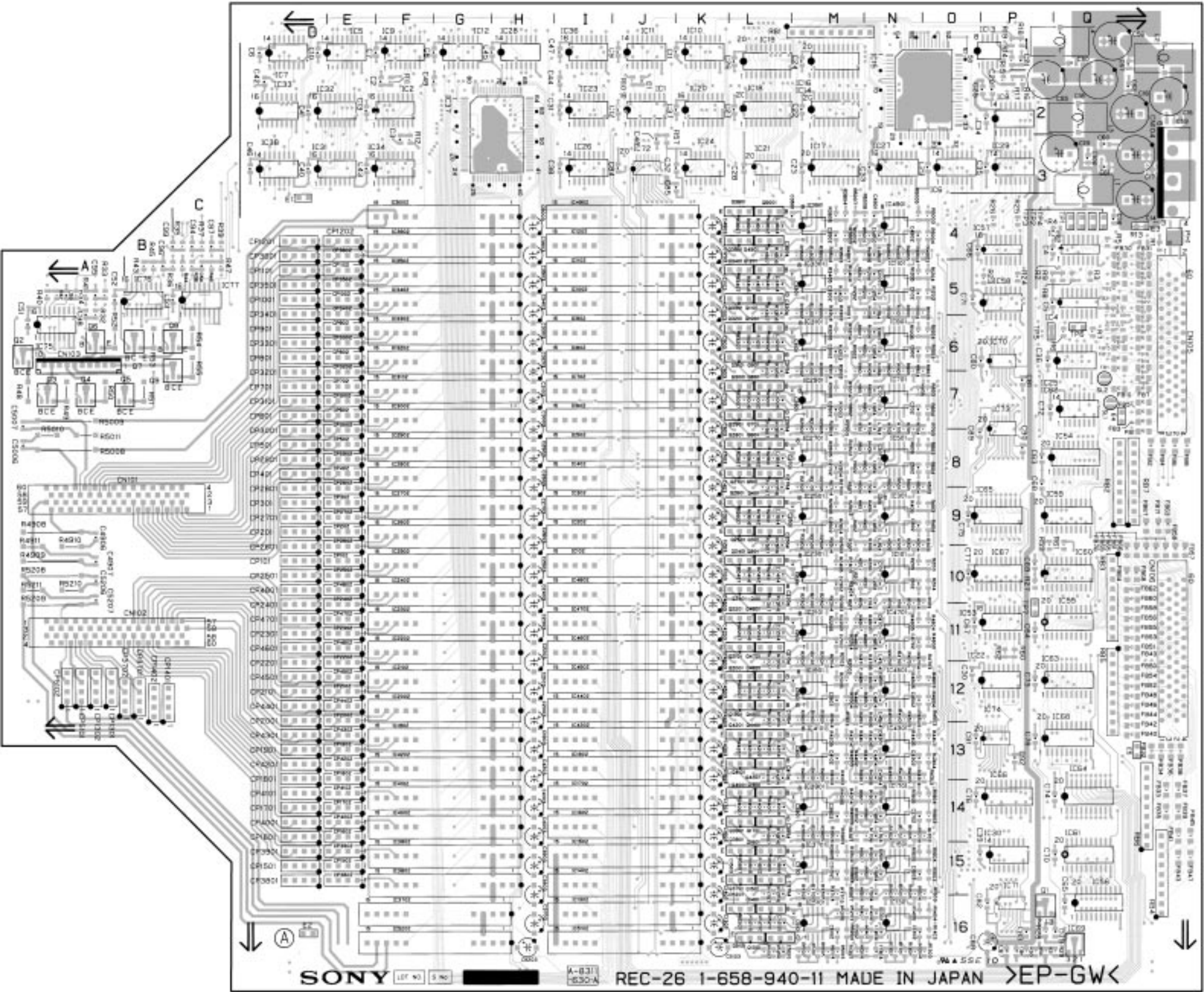
**RG-42** -A SIDE-  
1-664-331-12, 13



**RG-40** -B SIDE-  
1-663-799-12, 13  
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



**RG-42** -B SIDE-  
1-664-331-12, 13  
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



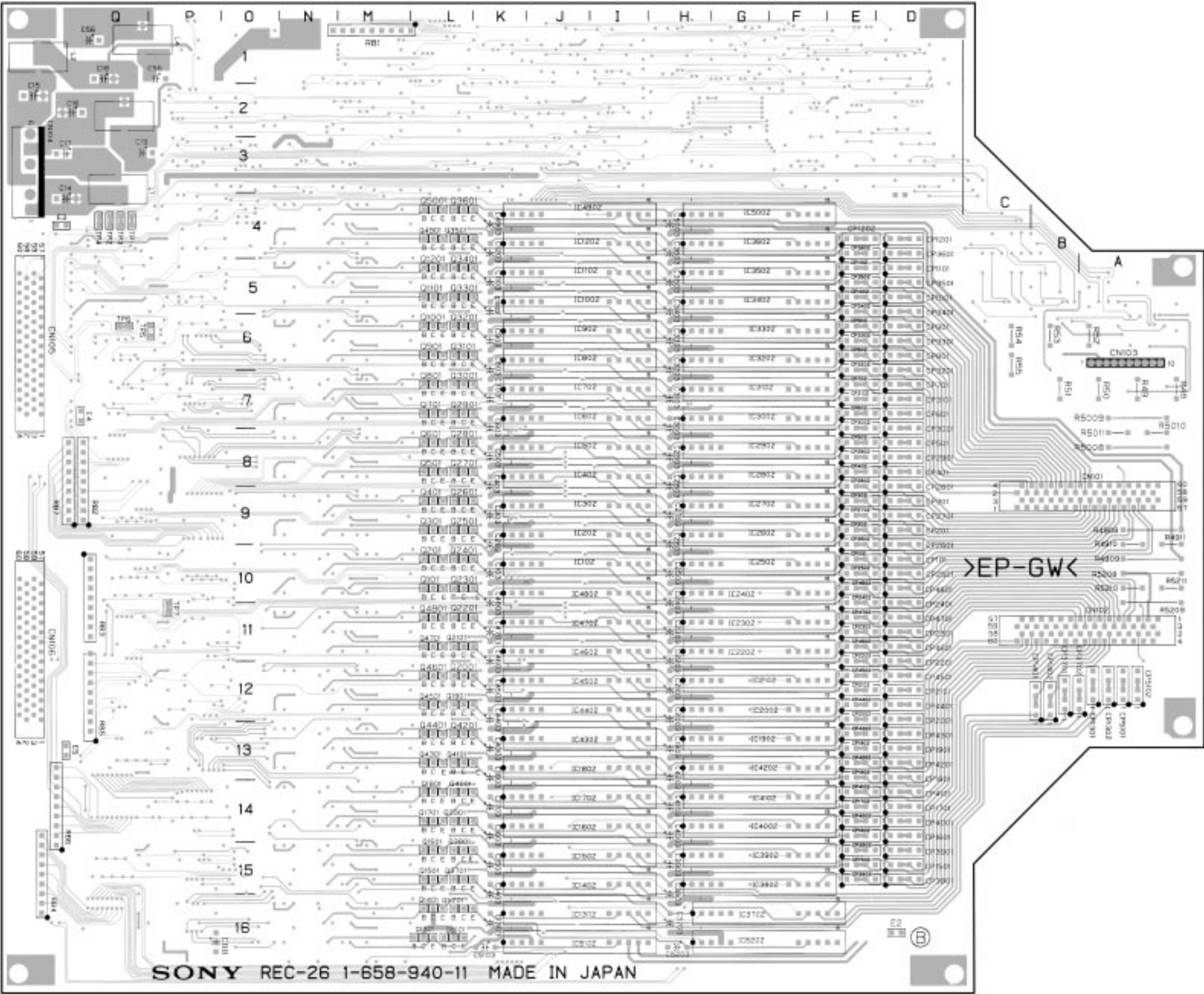
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

REC-26 -A SIDE-  
1-658-940-11

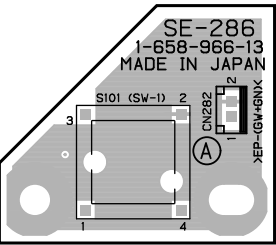
REC-26 (1-658-940-11)

CN101	A9	CP4302	E13
CN102	A11	CP4401	D12
CN103	A6	CP4402	E12
CN104	Q4	CP4501	D12
CN105	Q6	CP4502	E12
CN106	Q11	CP4601	D11
		CP4602	E11
CP101	D10	CP4701	D11
CP102	E10	CP4702	E11
CP201	D9	CP4801	D10
CP202	E9	CP4802	E10
CP301	D9	CP5101	A12
CP302	E9	CP5102	A12
CP401	D8		
CP402	E8	E1	D4
CP501	D8	E2	D16
CP502	E8	E3	Q4
CP601	D7	E4	Q7
CP602	E7	E5	Q13
CP701	D7		
CP702	E7	IC1	J2
CP801	D6	IC2	F2
CP802	E6	IC3	Q4
CP901	D6	IC4	Q5
CP902	E6	IC5	E1
CP1001	D5	IC6	O3
CP1002	E5	IC7	D1
CP1101	D5	IC8	P2
CP1102	E5	IC9	F1
CP1201	D4	IC10	K1
CP1202	E4	IC11	J1
CP1301	A12	IC12	G1
CP1302	A12	IC13	P1
CP1401	B12	IC14	M2
CP1402	B12	IC15	O2
CP1501	D15	IC16	M1
CP1502	E15	IC17	M3
CP1601	D14	IC18	L2
CP1602	E14	IC19	L1
CP1701	D14	IC20	K2
CP1702	E14	IC21	L3
CP1801	D13	IC22	P12
CP1802	E13	IC23	I2
CP1901	D13	IC24	K3
CP1902	E13	IC25	Q6
CP2001	D12	IC26	I3
CP2002	E12	IC27	N3
CP2101	D12	IC28	H1
CP2102	E12	IC29	P3
CP2201	D11	IC30	P15
CP2202	E11	IC31	E3
CP2301	D11	IC32	E2
CP2302	E11	IC33	D2
CP2401	D10	IC34	F3
CP2402	E10	IC36	I1
CP2501	D10	IC37	H2
CP2502	E10	IC38	D3
CP2601	D9	IC53	P11
CP2602	E9	IC54	Q8
CP2701	D9	IC55	Q11
CP2702	E9	IC56	Q16
CP2801	D8	IC57	P4
CP2802	E8	IC58	P5
CP2901	D8	IC59	Q9
CP2902	E8	IC60	Q10
CP3001	D7	IC61	Q15
CP3002	E7	IC62	Q7
CP3101	D7	IC63	Q12
CP3102	E7	IC64	Q14
CP3201	D6	IC65	P9
CP3202	E6	IC66	P14
CP3301	D6	IC67	P10
CP3302	E6	IC68	Q13
CP3401	D5	IC69	Q16
CP3402	E5	IC70	P6
CP3501	D5	IC71	P16
CP3502	E5	IC72	J3
CP3601	D4	IC73	P7
CP3602	E4	IC74	P13
CP3701	B12	IC75	A6
CP3702	A12	IC76	B5
CP3801	D15	IC77	C5
CP3802	E15	IC101	N10
CP3901	D15	IC102	K10
CP3902	E15	IC202	K9
CP4001	D14	IC301	N9
CP4002	E14	IC302	K9
CP4101	D14	IC402	K8
CP4102	E14	IC501	N8
CP4201	D13	IC502	K8
CP4202	E13	IC602	K7
CP4301	D13	IC701	N7

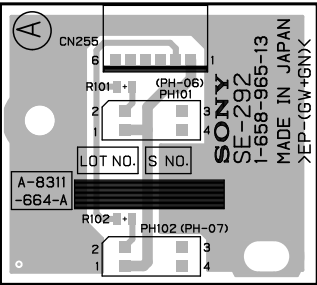
IC702	K7	Q1301	L16
IC802	K6	Q1401	L16
IC901	N6	Q1501	L15
IC902	K6	Q1601	L15
IC1002	K5	Q1701	L14
IC1101	N5	Q1801	L14
IC1102	K5	Q1901	L12
IC1202	K4	Q2001	L12
IC1301	N16	Q2101	L11
IC1302	K16	Q2201	L11
IC1402	K15	Q2301	L10
IC1501	N15	Q2401	L10
IC1502	K15	Q2501	L9
IC1602	K14	Q2601	L9
IC1701	N14	Q2701	L8
IC1702	K14	Q2801	L8
IC1802	K13	Q2901	L7
IC1901	M12	Q3001	L7
IC1902	H13	Q3101	L6
IC2002	H12	Q3201	L6
IC2101	M11	Q3301	L5
IC2102	H12	Q3401	L5
IC2202	H11	Q3501	L4
IC2301	M10	Q3601	L4
IC2302	H11	Q3701	L15
IC2402	H10	Q3801	L15
IC2501	M9	Q3901	L14
IC2502	H10	Q4001	L14
IC2602	H9	Q4101	L13
IC2701	M8	Q4201	L13
IC2702	H9	Q4301	L13
IC2802	H8	Q4401	L13
IC2901	M7	Q4501	L12
IC2902	H8	Q4601	L12
IC3002	H7	Q4701	L11
IC3101	M6	Q4801	L11
IC3102	H7	Q4901	L4
IC3202	H6	Q5001	L4
IC3301	M5	Q5101	L16
IC3302	H6	Q5201	L16
IC3402	H5		
IC3501	M4	RB1	L1
IC3502	H5	RB2	Q9
IC3602	H4	RB3	Q10
IC3701	M15	RB4	Q16
IC3702	H16	RB5	Q11
IC3802	H15	RB6	Q15
IC3901	M14	RB7	Q9
IC3902	H15		
IC4002	H14	TP1	Q4
IC4101	M13	TP2	Q4
IC4102	H14	TP3	Q4
IC4202	H13	TP4	Q4
IC4301	N13	TP5	P6
IC4302	K13	TP6	Q6
IC4402	K12	TP7	P11
IC4501	N12		
IC4502	K12		
IC4602	K11		
IC4701	N11		
IC4702	K11		
IC4802	K10		
IC4901	N4		
IC4902	K4		
IC5002	H4		
IC5101	M16		
IC5102	K16		
IC5202	H16		
PH1	Q4		
Q1	P16		
Q2	A6		
Q3	A7		
Q4	A7		
Q5	A7		
Q6	A6		
Q7	B6		
Q8	B6		
Q9	B7		
Q101	L10		
Q201	L10		
Q301	L9		
Q401	L9		
Q501	L8		
Q601	L8		
Q701	L7		
Q801	L7		
Q901	L6		
Q1001	L6		
Q1101	L5		
Q1201	L5		



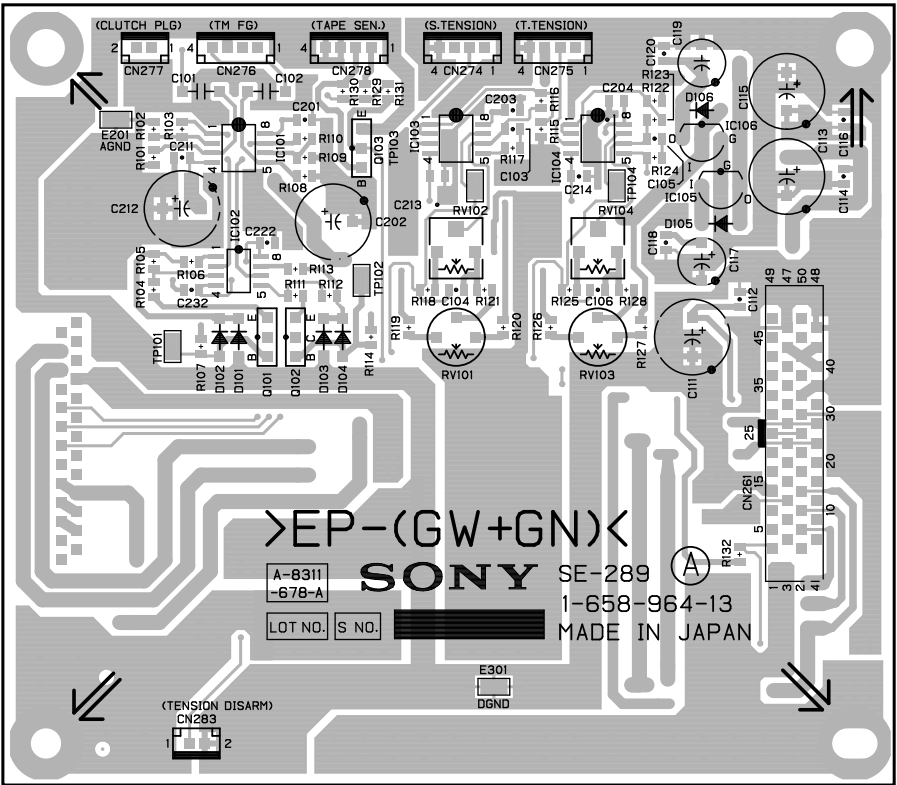
REC-26 -B SIDE-  
1-658-940-11



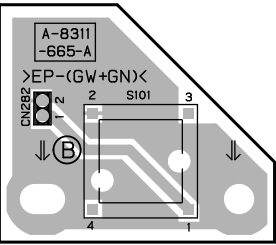
SE-286 -A SIDE-  
1-658-966-13



SE-292 -A SIDE-  
1-658-965-13

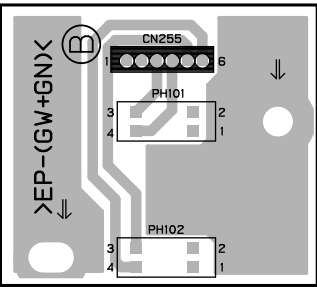


SE-289 -A SIDE-  
1-658-964-13



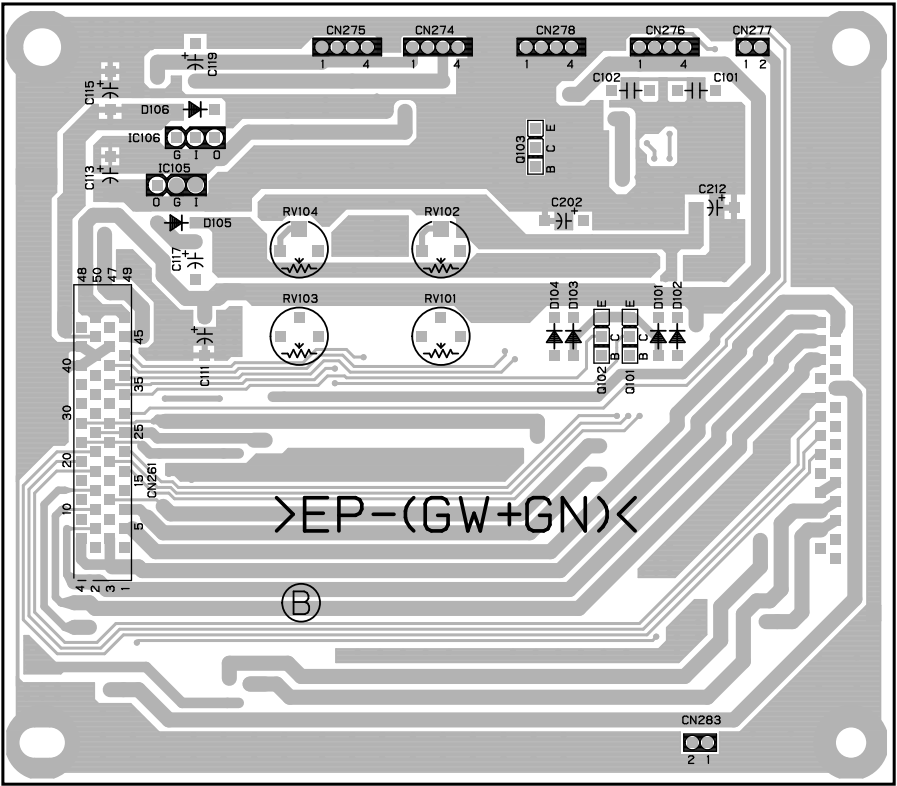
SE-286 -B SIDE-  
1-658-966-13

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



SE-292 -B SIDE-  
1-658-965-13

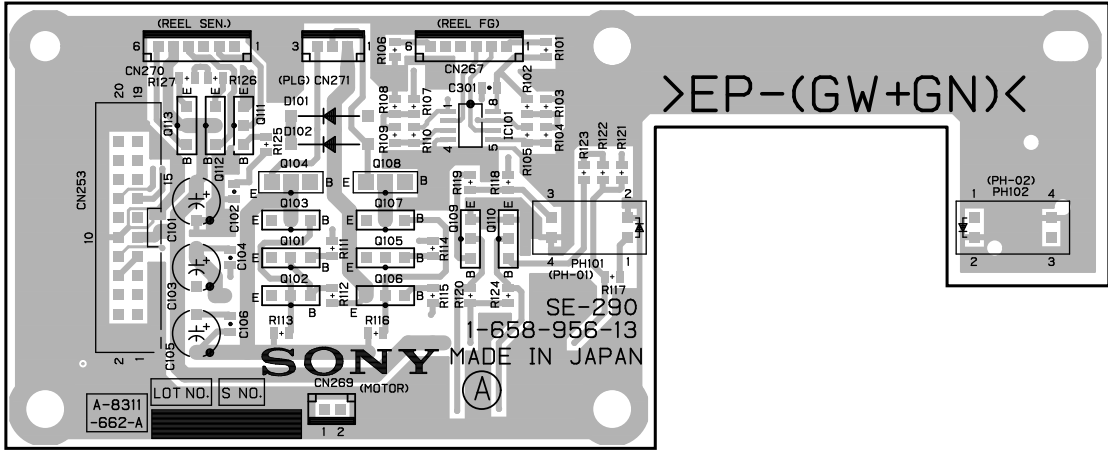
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



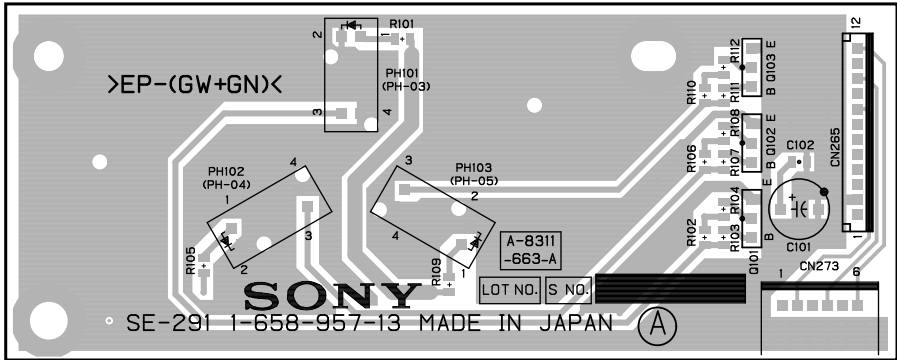
SE-289 -B SIDE-  
1-658-964-13

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

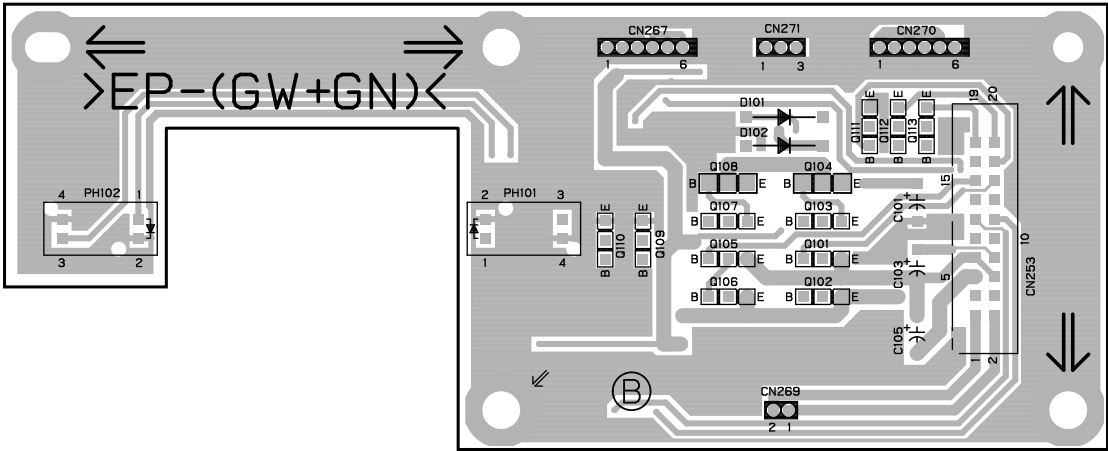




SE-290 -A SIDE-  
1-658-956-13

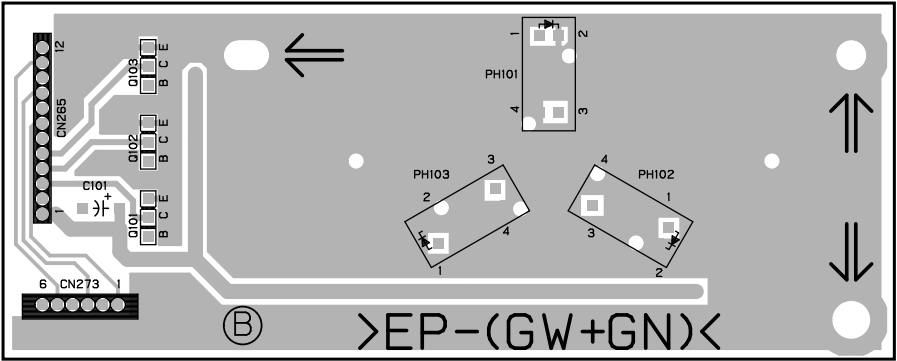


SE-291 -A SIDE-  
1-658-957-13



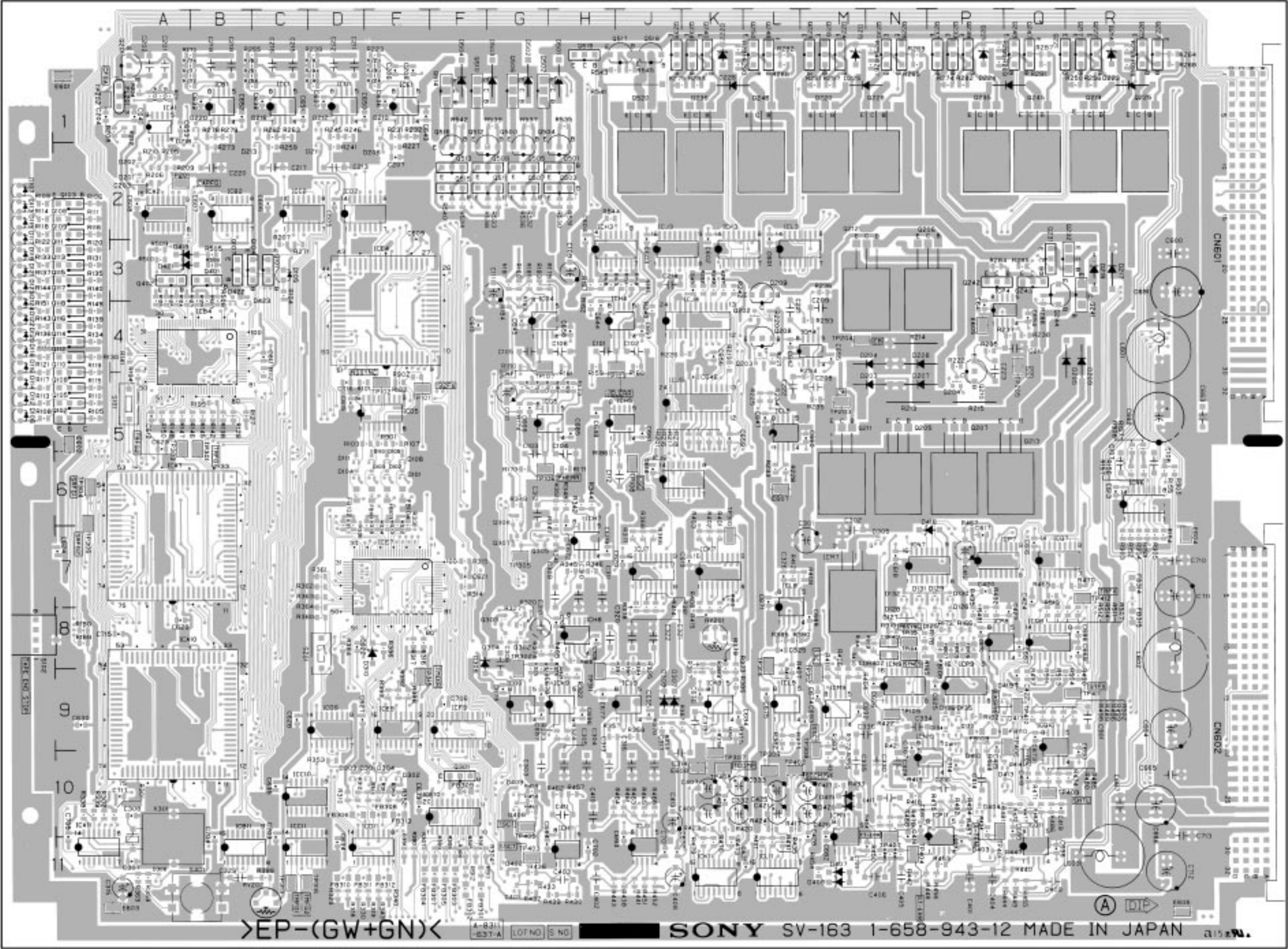
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

SE-290 -B SIDE-  
1-658-956-13



PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

SE-291 -B SIDE-  
1-658-957-13



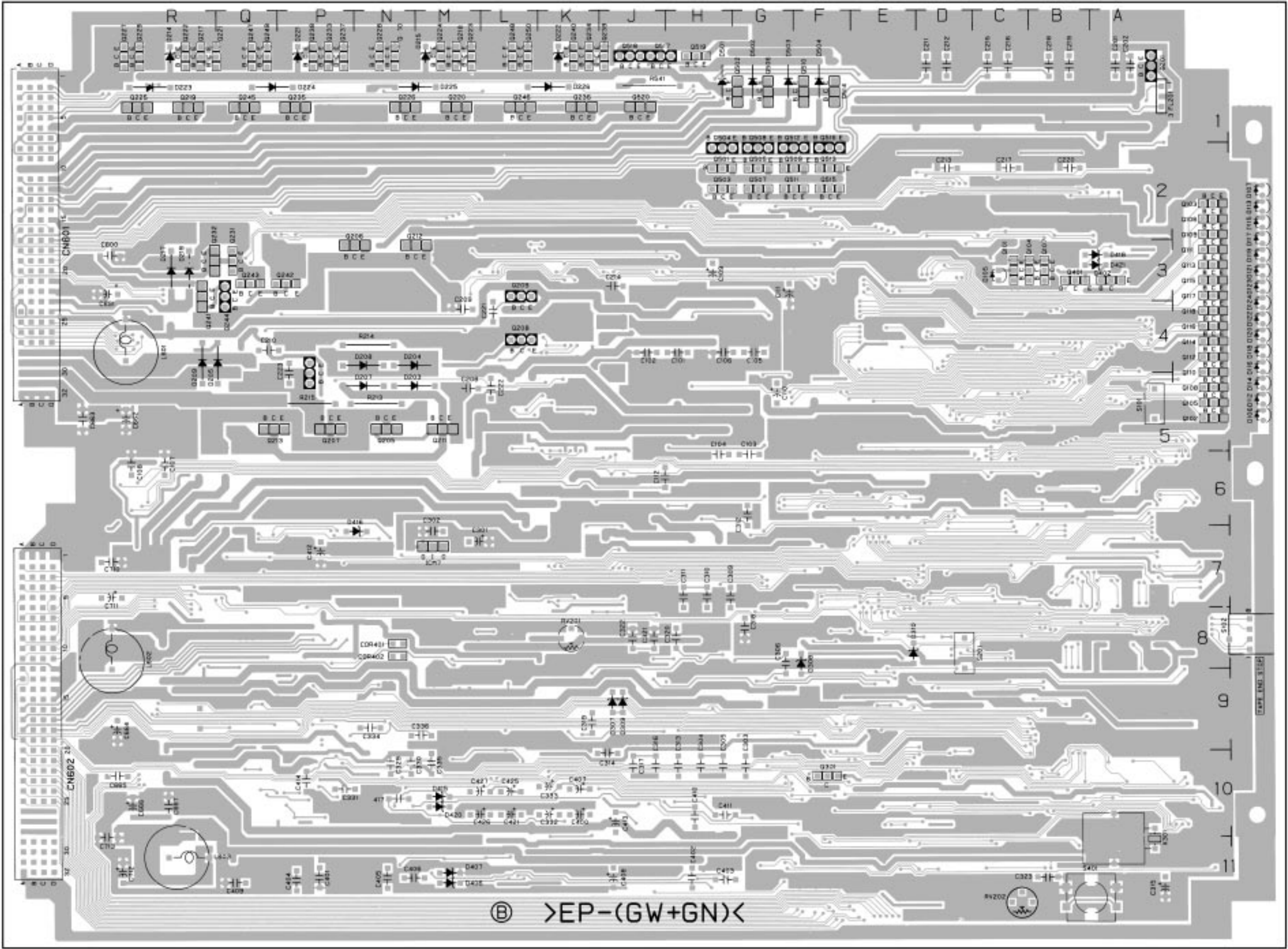
SV-163 (1-658-943-12)

CN601	R2	D420	M10
CN602	R9	D421	A3
		D422	B3
		D423	B3
D101	E6	D501	H1
D102	E6	D502	G1
D103	E6	D503	G1
D104	D6	D504	F1
D105	C3		
D106	A5		
D107	A2	E601	A1
D108	E6	E602	A5
D109	E6	E603	A11
D110	E6	E604	R7
D111	D6	E605	P4
D112	A5	E606	R11
D113	A2	E607	L6
D114	A5	E608	K10
D115	A2		
D116	A4	FL201	A1
D117	A2		
D118	A4	ICA1	A1
D119	A3	ICA2	A2
D120	A4	ICA7	A7
D121	A3	ICA10	A9
D122	A4	ICA11	A11
D123	A3		
D124	A4	ICB1	B1
D125	P8	ICB2	B2
D126	P8	ICB11	B11
D127	N8		
D128	N8	ICC1	C1
D129	P7	ICC2	C2
D130	P7	ICC10	C10
D131	N7	ICC11	C11
D132	N7		
D133	P9	ICD1	D1
D134	P9	ICD2	D2
D135	P9	ICD5	E5
D136	P9	ICD9	D9
D201	A2	ICD11	E11
D202	A2		
D203	M5	ICE1	E1
D204	M4	ICE4	E4
D205	Q4	ICE9	E9
D206	E1	ICE10	F10
D207	N5		
D208	N4	ICF9	F9
D209	R4		
D210	E1	ICG4	G4
D211	D1	ICG5	G5
D212	D1	ICG9	G9
D213	C1		
D214	R1	ICH3	H3
D215	M1	ICH4	J4
D216	C1	ICH5	J5
D217	R3	ICH7	H7
D218	B1	ICH8	H8
D219	R3	ICH9	H9
D220	B1	ICH11	H11
D221	P1		
D222	K1	ICJ3	J3
D223	R1	ICJ4	K4
D224	P1	ICJ5	K5
D225	M1	ICJ6	J6
D226	K1	ICJ7	J7
D301	D10	ICJ9	J9
D302	E10	ICJ11	J11
D303	D10		
D304	E10	ICK3	K3
D305	N7	ICK7	K7
D306	A11	ICK9	K9
D307	J9	ICK11	K11
D308	F8		
D309	J9	ICL3	L3
D310	E8	ICL5	L5
D401	G11	ICL8	L7
D402	G11	ICL9	L9
D403	P11	ICL11	L11
D404	P10		
D406	M11	ICM4	M4
D407	M11	ICM7	M7
D408	G10	ICM9	M9
D409	G10	ICM11	M10
D410	P9		
D411	P9	ICN7	N7
D413	P10	ICN9	N9
D414	P10	ICN10	N10
D415	M10		
D416	N7	ICP4	P4
D417	P9	ICP7	P7
D418	A3	ICP8	P8
D419	P9	ICP9	P9

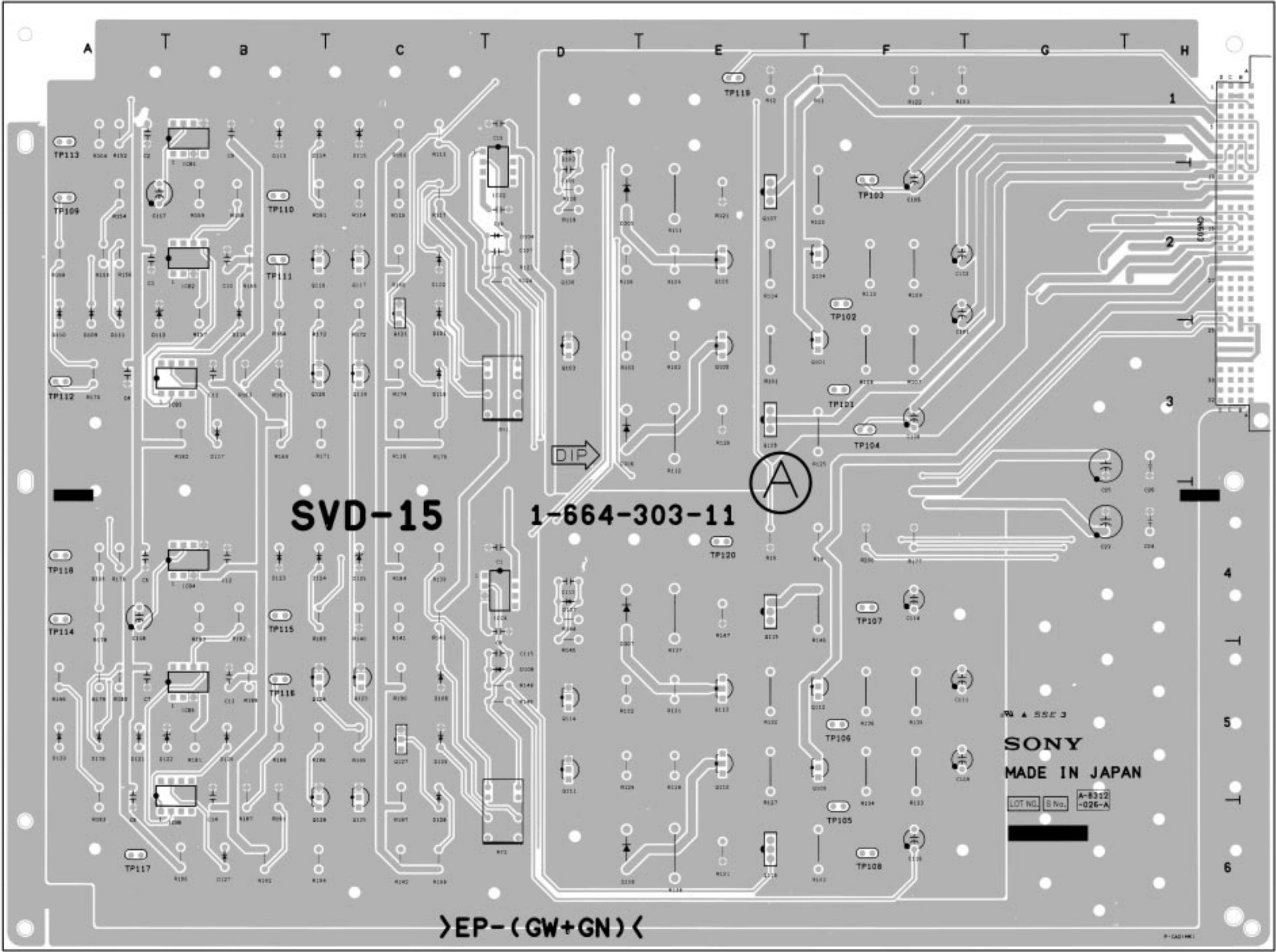
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

SV-163 -A SIDE-  
1-658-943-12

ICP11	P10	Q510	F1
ICQ7	Q7	Q511	F2
ICQ8	Q8	Q512	F2
ICQ10	Q9	Q513	F1
ICQ11	Q11	Q514	F2
		Q515	F2
		Q516	F2
ICR6	R6	Q517	J1
		Q518	J1
Q101	C3	Q519	H1
Q102	A5	Q520	J1
Q103	A2		
Q104	B3	RV201	K8
Q105	A5	RV202	C11
Q106	A2		
Q107	B3	S101	A5
Q108	A5	S102	A8
Q109	A2	S201	D8
Q110	A4	S401	B11
Q111	A3		
Q112	A4	TP101	E5
Q113	A3	TP102	E5
Q114	A4	TP103	H4
Q115	A3	TP104	N8
Q116	A4	TP105	N8
Q117	A3	TP106	G6
Q118	A4	TP107	G4
Q201	A1	TP108	J6
Q202	L4	TP109	N9
Q203	L4	TP201	A2
Q204	P5	TP202	A1
Q205	N5	TP203	M5
Q206	N3	TP204	M4
Q207	P5	TP205	Q4
Q208	L4	TP301	B5
Q209	L3	TP302	G8
Q210	P4	TP303	A5
Q211	M5	TP304	A6
Q212	M3	TP305	G7
Q213	Q5	TP306	A6
Q217	R1	TP307	K10
Q218	M1	TP308	M9
Q219	R1	TP309	L10
Q220	M1	TP310	K7
Q221	Q1	TP311	H9
Q222	R1	TP312	M9
Q223	M1	TP313	C11
Q224	M1	TP314	L8
Q225	R1	TP315	E9
Q226	N1	TP316	C11
Q227	R1	TP401	P10
Q228	N1	TP402	L10
Q229	R1	TP403	G11
Q230	N1	TP404	N11
Q231	Q3	TP405	G10
Q232	R3	TP406	P9
Q233	P1	TP407	N10
Q234	K1	TP408	K10
Q235	P1	TP409	Q10
Q236	K1	TP410	Q9
Q237	P1	TP411	R9
Q238	P1	TP412	R7
Q239	J1		
Q240	K1	X301	A11
Q241	R3		
Q242	P3		
Q243	Q3		
Q244	Q3		
Q245	Q1		
Q246	L1		
Q247	Q1		
Q248	L1		
Q249	Q1		
Q250	L1		
Q301	P10		
Q302	G8		
Q303	G8		
Q304	G8		
Q305	G7		
Q306	G6		
Q307	G7		
Q401	B3		
Q402	A3		
Q501	H2		
Q502	G1		
Q503	H2		
Q504	H2		
Q505	G2		
Q506	G1		
Q507	G2		
Q508	G2		
Q509	F2		







SVD-15 (1-664-303-11)

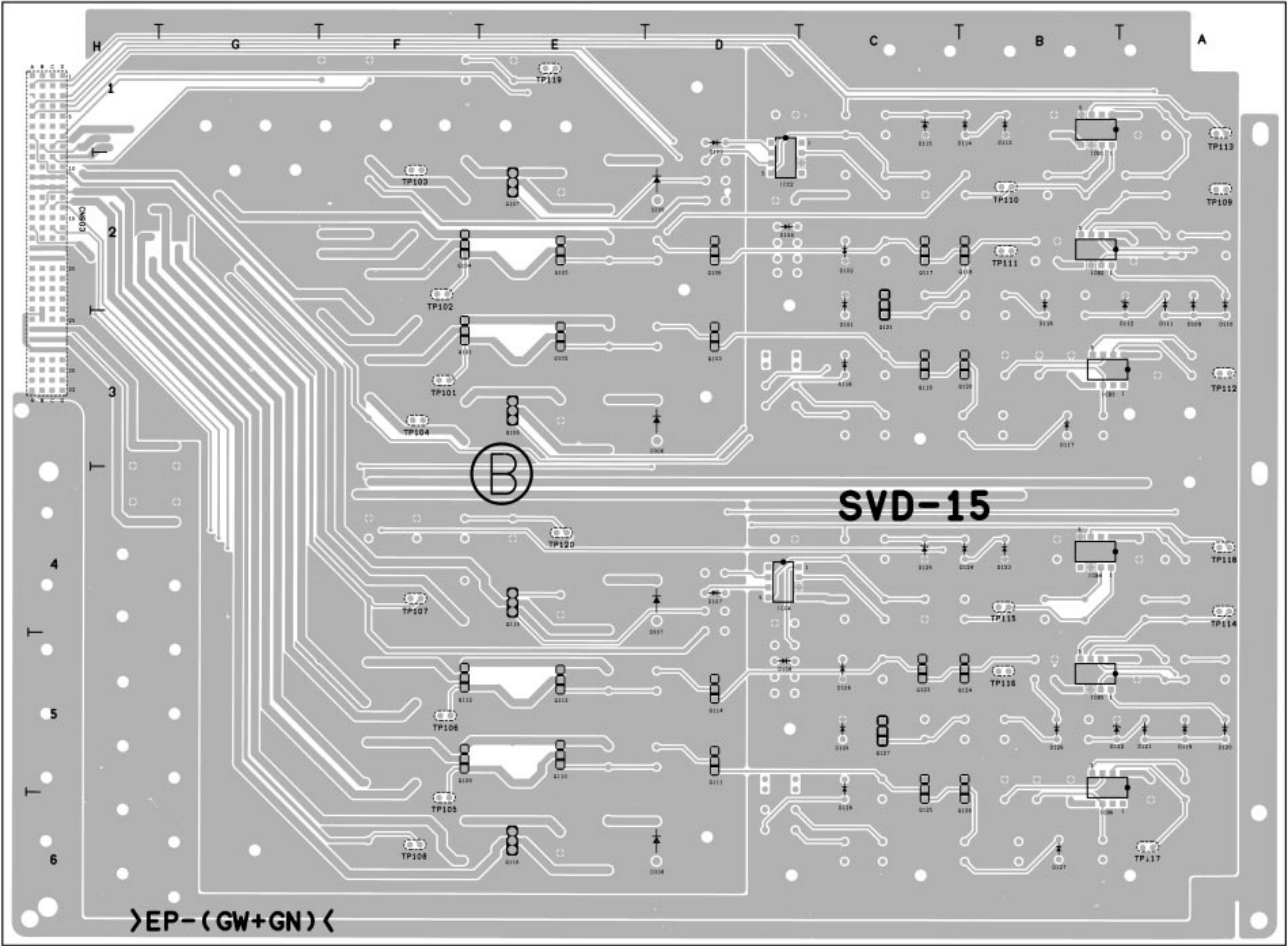
CN603	H2
D101	C2
D102	C2
D103	D1
D104	D2
D105	C5
D106	C5
D107	D4
D108	D5
D109	A2
D110	A2
D111	A2
D112	A2
D113	B1
D114	B1
D115	C1
D116	B2
D117	B3
D118	C3
D119	A5
D120	A5
D121	A5
D122	B5
D123	B4
D124	B4
D125	C4
D126	B5
D127	B6
D128	C5
D305	D2
D306	D3
D307	D4
D308	D6
ICB1	B1
ICB2	B2
ICB3	A3
ICB4	B4
ICB5	B5
ICB6	A6
ICC2	C1
ICC4	C4
Q101	F3
Q102	E3
Q103	D3
Q104	F2
Q105	E2
Q106	D2
Q107	E2
Q108	E3
Q109	F5
Q110	E5
Q111	D5
Q112	F5
Q113	E5
Q114	D5
Q115	E4
Q116	E6
Q117	C2
Q118	B2
Q119	C3
Q120	B3
Q121	C2
Q123	C5
Q124	B5
Q125	C5
Q126	B5
Q127	C5
RY1	D3
RY2	D6
TP101	F3
TP102	F2
TP103	F2
TP104	F3
TP105	F6
TP106	F5
TP107	F4
TP108	F6
TP109	A2
TP110	B2
TP111	B2
TP112	A3
TP113	A1
TP114	A4
TP115	B4
TP116	B5
TP117	A6

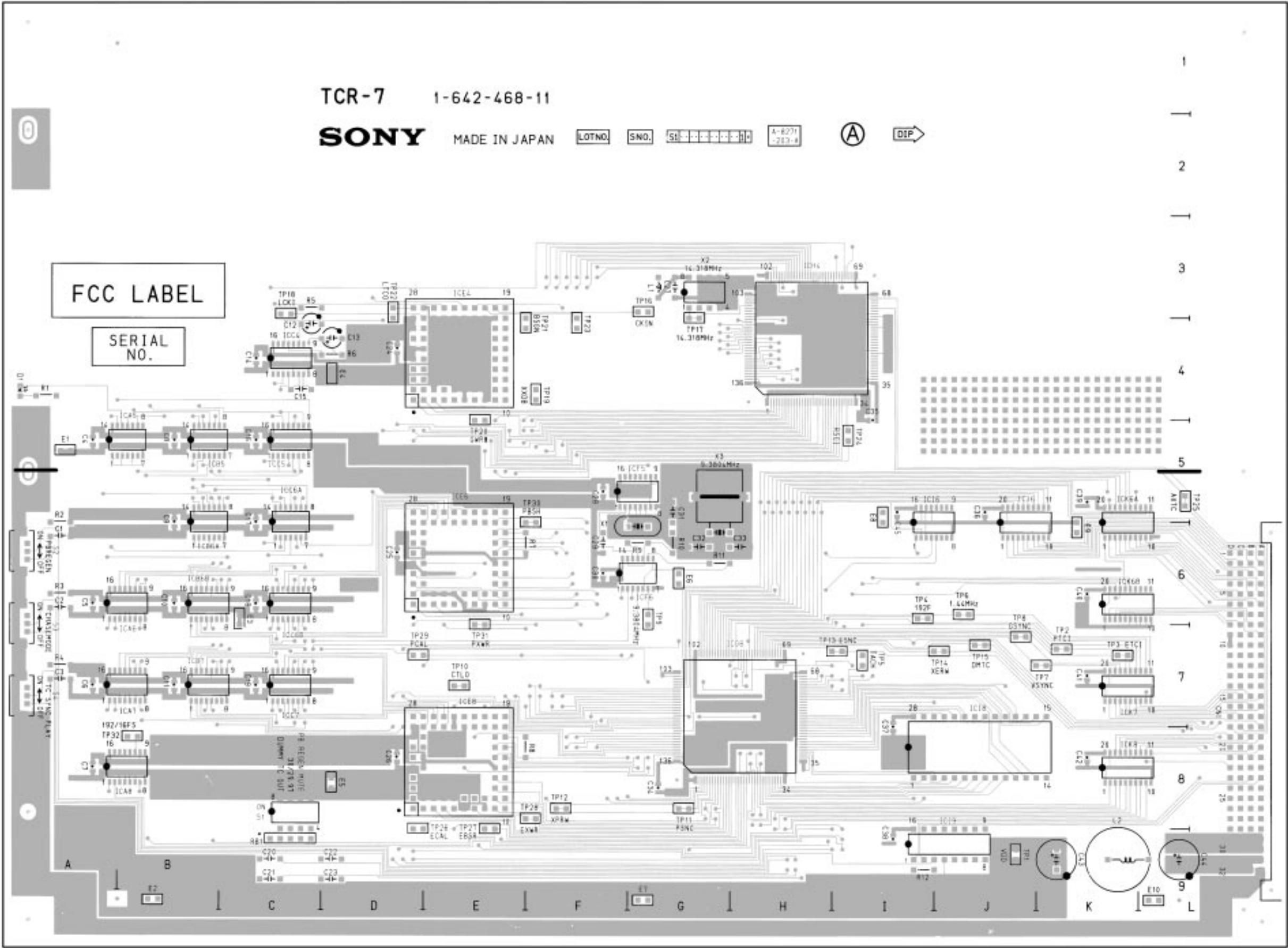
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

SVD-15 -A SIDE-  
1-664-303-11



TP118 A4  
TP119 E1  
TP120 E4





PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

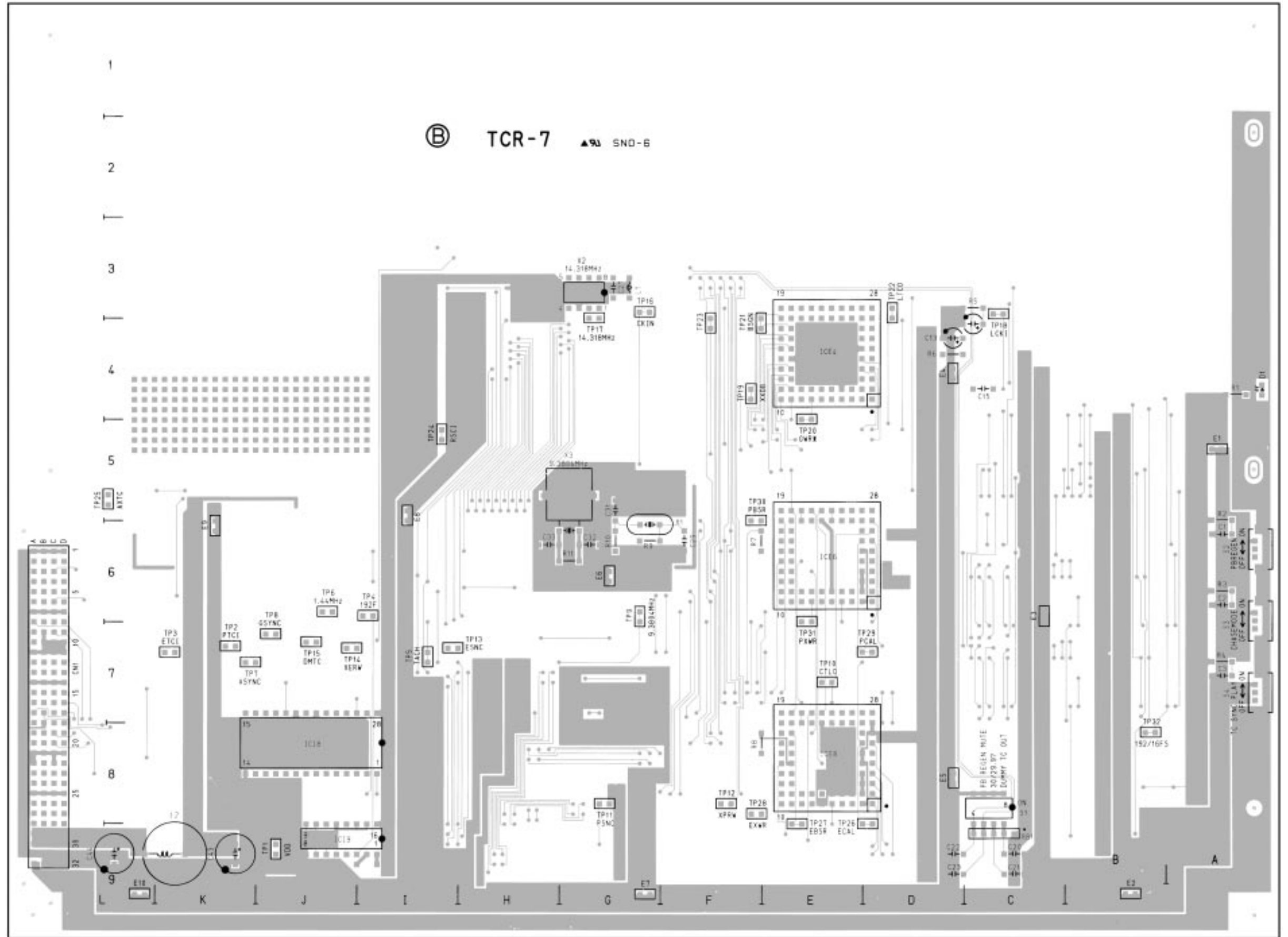
**TCR-7 -A SIDE-**  
1-642-468-11

TCR-7 (1-642-468-11)

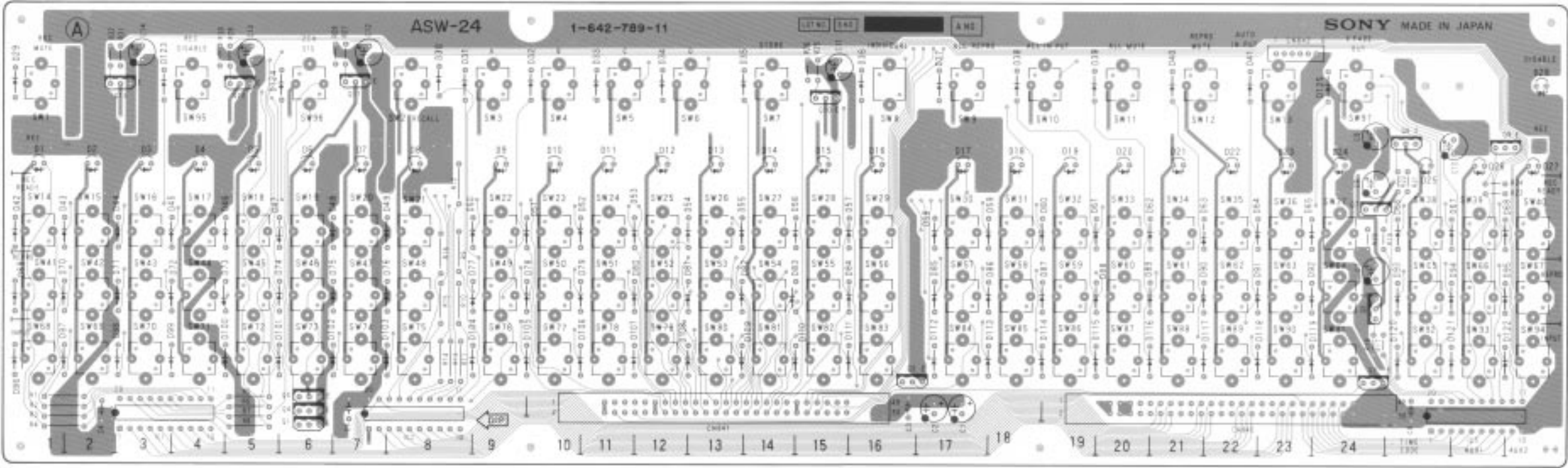
CN1	L7
D1	A4
E1	A5
E2	B9
E3	C6
E4	D4
E5	D8
E6	G6
E7	G9
E8	I5
E9	K6
E10	L9
ICA5	A5
ICA6	A7
ICA7	A7
ICA8	A8
ICB5	B5
ICB7	B7
ICB6A	B6
ICB6B	B6
ICC4	C4
ICC5	C5
ICC7	C7
ICC6A	C5
ICC6B	C6
ICE4	E3
ICE6	E5
ICE8	E7
ICF5	F5
ICF6	G6
ICG8	G7
ICH4	H3
ICI6	I5
ICI8	J7
ICI9	J8
ICJ6	J5
ICK7	K7
ICK8	K8
ICK6A	K5
ICK6B	K6
RB1	C9
S1	C8
S2	A6
S3	A7
S4	A7
TP1	J9
TP2	K7
TP3	K7
TP4	I6
TP5	I7
TP6	J6
TP7	J7
TP8	J6
TP9	G6
TP10	E7
TP11	G8
TP12	F8
TP13	H7
TP14	I7
TP15	J7
TP16	G3
TP17	G4
TP18	C3
TP19	F4
TP20	E5
TP21	F4
TP22	D3
TP23	F4
TP24	I5
TP25	L5
TP26	E8
TP27	E8
TP28	E8
TP29	D7
TP30	E5
TP31	E7
TP32	A8

X1  
X2  
X3

F6  
G3  
G5

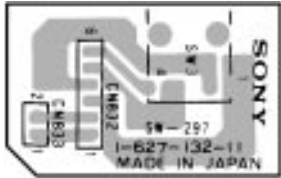


TCR-7 -B SIDE-  
1-642-468-11



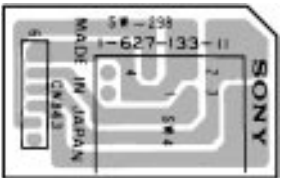
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

ASW-24 -A SIDE-  
1-642-789-11  
For Remote Control Unit



SW-297 -COMPONENT SIDE-  
1-627-132-11  
For Remote Control Unit

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



SW-298 -COMPONENT SIDE-  
1-627-133-11  
For Remote Control Unit

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

ASW-24 (1-642-789-11)

※: B SIDE

CN840	*D22	D87	C19
CN841	*D13	D88	C20
CN842	*A23	D89	C20
		D90	C21
D1	A1	D91	C22
D2	A2	D92	C23
D3	A3	D93	C25
D4	A4	D94	C26
D5	A5	D95	C27
D6	A6	D96	D1
D7	A7	D97	D1
D8	A8	D98	D2
D9	A9	D99	D4
D10	A10	D100	D5
D11	A11	D101	D6
D12	A12	D102	D6
D13	A13	D103	D7
D14	A14	D104	D8
D15	A15	D105	D9
D16	A16	D106	D10
D17	A17	D107	D11
D18	A18	D108	D12
D19	A19	D109	D14
D20	A20	D110	D15
D21	A21	D111	D16
D22	A22	D112	D17
D23	A23	D113	D18
D24	A24	D114	D19
D25	B25	D115	D20
D26	A26	D116	D21
D27	A27	D117	D22
D28	A27	D118	D23
D29	A1	D119	D24
D30	A8	D120	D25
D31	A8	D121	D26
D32	A10	D122	D27
D33	A11	D123	A3
D34	A12	D124	A5
D35	A13	D125	A24
D36	A16		
D37	A17	IC1	D3
D38	A18	IC2	D8
D39	A20	IC3	D26
D40	A21		
D41	A22	Q1	D6
D42	B1	Q2	D24
D43	B1	Q3	D16
D44	B3	Q4	D6
D45	B4	Q5	D6
D46	B5	Q6	C24
D47	B5	Q7	B24
D48	B6	Q8	A25
D49	B7	Q9	A27
D50	B8	Q10	A15
D51	B10	Q11	A7
D52	B11	Q12	A5
D53	B12	Q13	A3
D54	B13		
D55	B13	SW1	A1
D56	B15	SW2	A8
D57	B15	SW3	A9
D58	B17	SW4	A10
D59	B18	SW5	A11
D60	B19	SW6	A13
D61	B20	SW7	A14
D62	B21	SW8	A16
D63	B22	SW9	A17
D64	B23	SW10	A19
D65	B23	SW11	A20
D66	B25	SW12	A21
D67	B26	SW13	A23
D68	B27	SW14	B1
D69	C1	SW15	B2
D70	C1	SW16	B3
D71	C3	SW17	B4
D72	C4	SW18	B5
D73	C5	SW19	B6
D74	C5	SW20	B7
D75	C6	SW21	B8
D76	C8	SW22	B9
D77	C9	SW23	B10
D78	C10	SW24	B11
D79	C11	SW25	B12
D80	C12	SW26	B13
D81	C12	SW27	B14
D82	C14	SW28	B15
D83	C14	SW29	B16
D84	C15	SW30	B17
D85	C17	SW31	B18
D86	C18	SW32	B19



- SW33

SW34

SW35

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SW97
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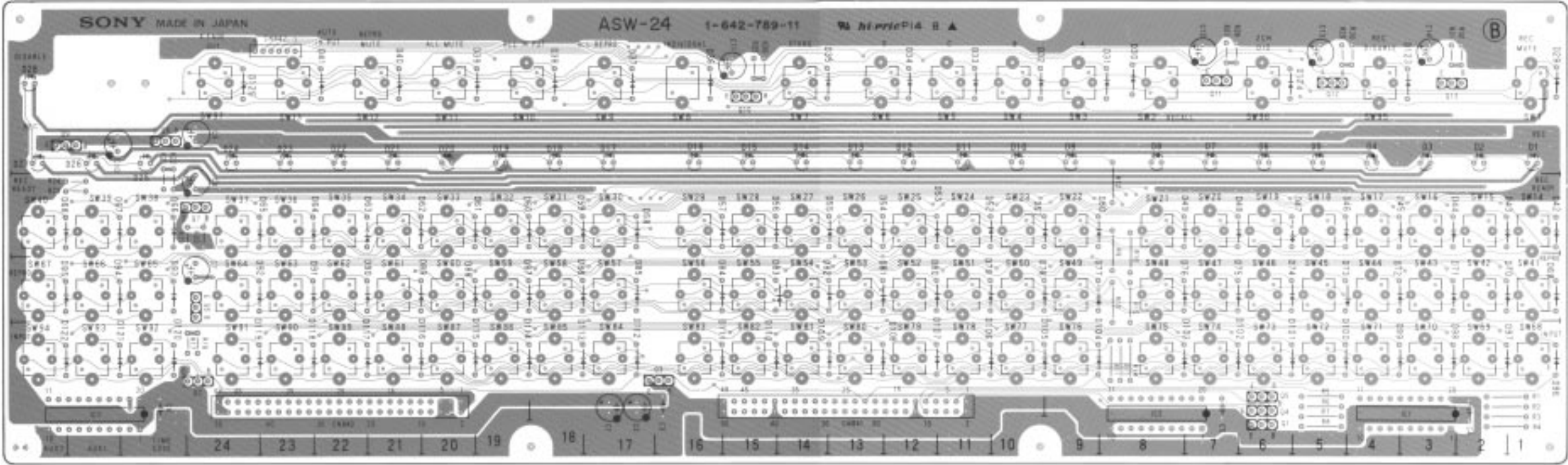
D26

D27

A4

A6

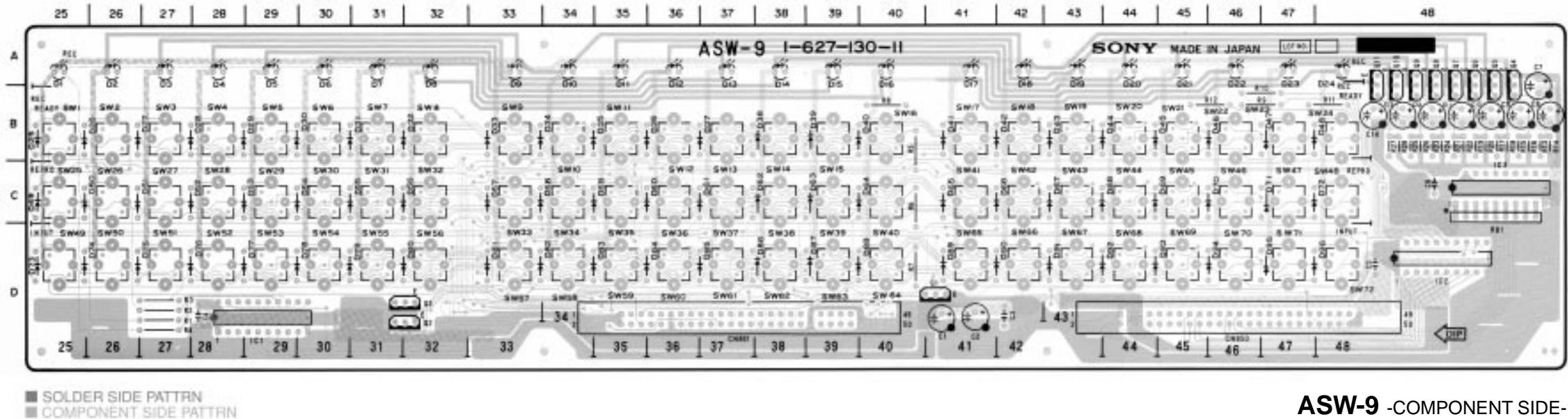
A24



ASW-24 -B SIDE-

1-642-789-11

For Remote Control Unit

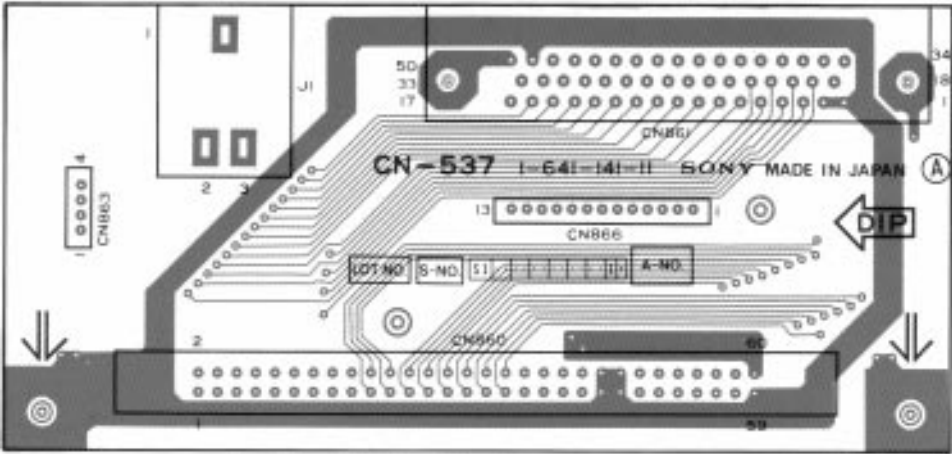


PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

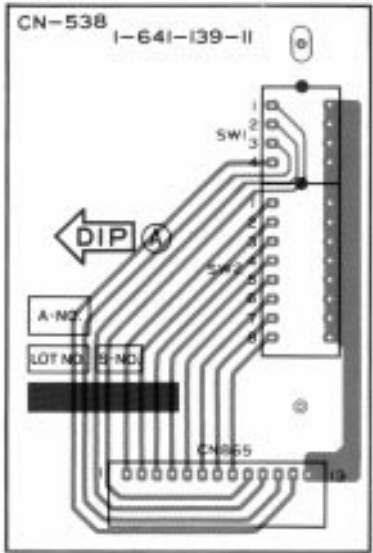
ASW-9 -COMPONENT SIDE-  
1-627-130-11  
For Remote Control Unit

ASW-9 (1-627-130-11)

*: B SIDE					
CN850	*D46	D88	D40	SW63	D39
CN851	*D37	D89	D41	SW64	D40
		D90	D42	SW65	D41
D1	A25	D91	D43	SW66	D42
D2	A26	D92	D44	SW67	D43
D3	A27	D93	C45	SW68	D44
D4	A28	D94	D46	SW69	C45
D5	A29	D95	D47	SW70	D46
D6	A30	D96	D48	SW71	D47
D7	A31			SW72	D48
D8	D32	IC1	D29		
D9	A33	IC2	D48		
D10	A34	IC3	C48		
D11	A35				
D12	A36	Q1	D41		
D13	A37	Q2	D32		
D14	A38	Q3	D32		
D15	A39	Q4	A48		
D16	A40	Q5	A48		
D17	A41	Q6	A48		
D18	A42	Q7	A48		
D19	A43	Q8	A48		
D20	A44	Q9	A48		
D21	A45	Q10	A48		
D22	A46	Q11	A48		
D23	A47				
D24	A48	RB1	D48		
D25	B25				
D26	B26	SW1	B25		
D27	B27	SW2	B26		
D28	B28	SW3	B27		
D29	B29	SW4	B28		
D30	B30	SW5	B29		
D31	B31	SW6	B30		
D32	B32	SW7	B31		
D33	B33	SW8	B32		
D34	B34	SW9	B33		
D35	B35	SW10	B34		
D36	B36	SW11	B35		
D37	B37	SW12	C36		
D38	B38	SW13	C37		
D39	B39	SW14	C38		
D40	B40	SW15	C39		
D41	B41	SW16	B40		
D42	B42	SW17	B41		
D43	B43	SW18	B42		
D44	B44	SW19	B43		
D45	B45	SW20	B44		
D46	B46	SW21	B45		
D47	B47	SW22	B46		
D48	B48	SW23	B47		
D49	C25	SW24	B48		
D50	C26	SW25	B25		
D51	C27	SW26	B26		
D52	C28	SW27	B27		
D53	C29	SW28	B28		
D54	C30	SW29	C29		
D55	C31	SW30	C30		
D56	C32	SW31	C31		
D57	C33	SW32	C32		
D58	C34	SW33	C33		
D59	C35	SW34	C34		
D60	C36	SW35	C35		
D61	C37	SW36	C36		
D62	C38	SW37	C37		
D63	C39	SW38	D38		
D64	C40	SW39	D39		
D65	C41	SW40	D40		
D66	C42	SW41	C41		
D67	C43	SW42	C42		
D68	C44	SW43	C43		
D69	C45	SW44	C44		
D70	C46	SW45	C45		
D71	C47	SW46	C46		
D72	C48	SW47	C47		
D73	D25	SW48	C48		
D74	D26	SW49	C25		
D75	D27	SW50	C26		
D76	D28	SW51	C27		
D77	D29	SW52	C28		
D78	D30	SW53	C29		
D79	D31	SW54	C30		
D80	D32	SW55	C31		
D81	D33	SW56	C32		
D82	D34	SW57	D33		
D83	D35	SW58	D34		
D84	D36	SW59	D35		
D85	D37	SW60	D36		
D86	D38	SW61	D37		
D87	D39	SW62	D38		

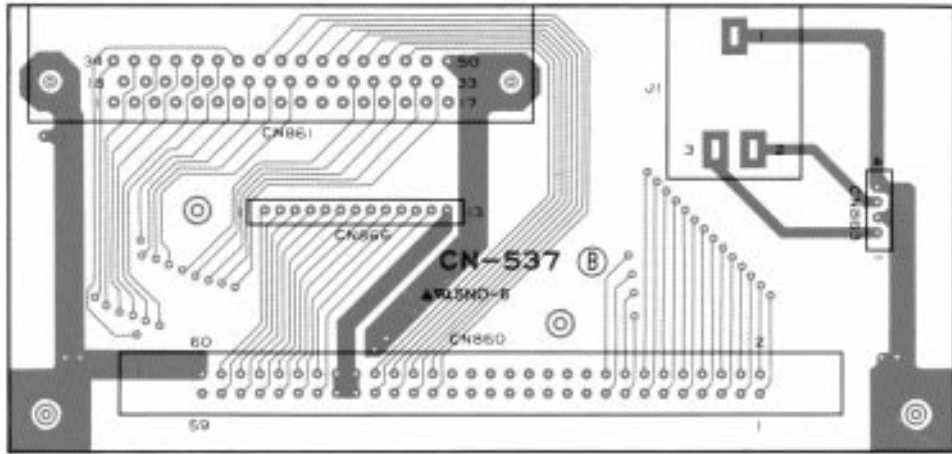


**CN-537 -A SIDE-**  
1-641-141-11  
For Remote Control Unit



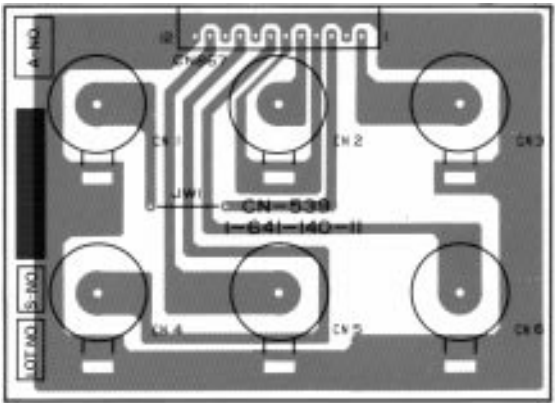
**CN-538 -A SIDE-**  
1-641-139-11  
For Remote Control Unit

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



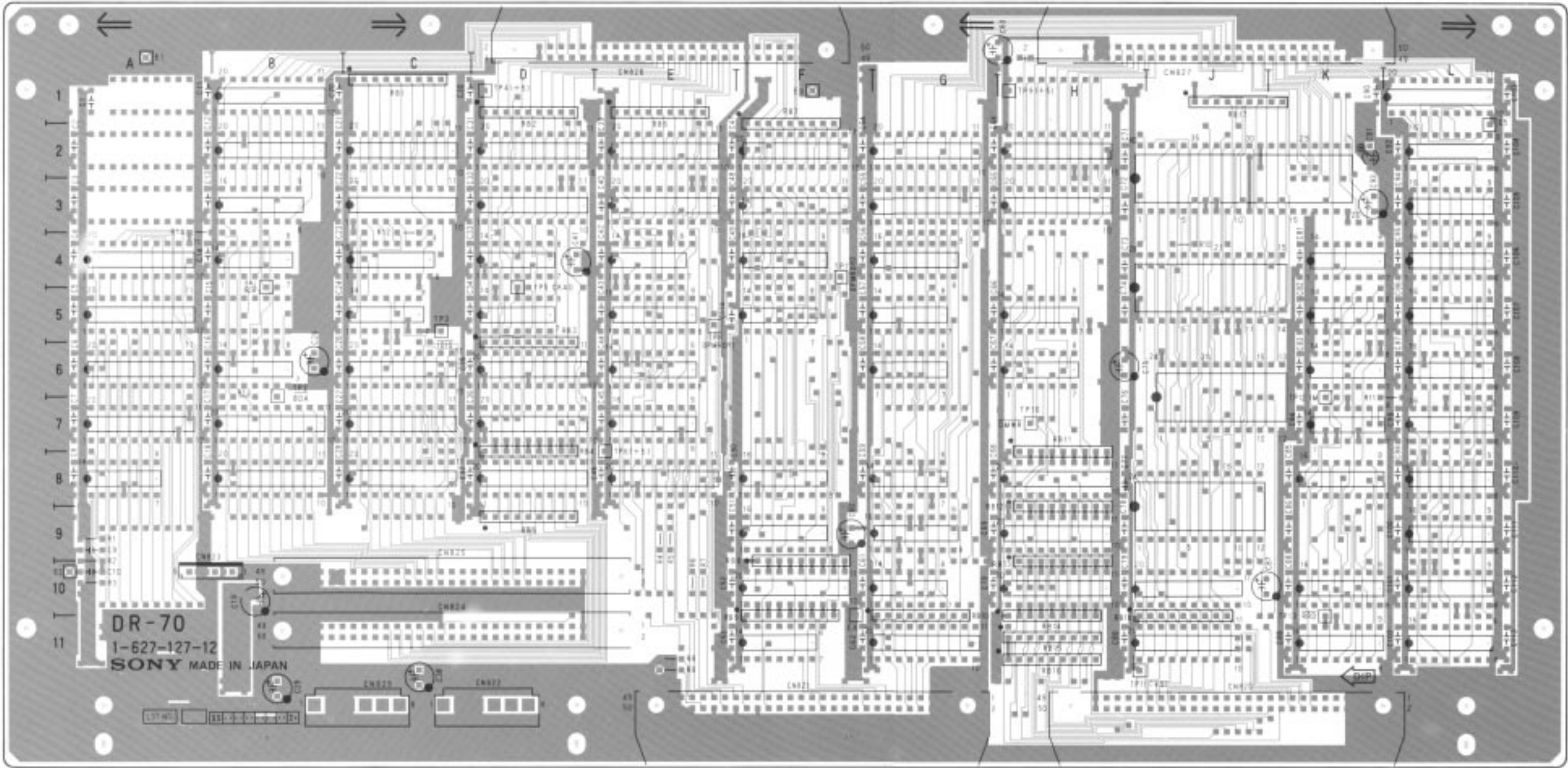
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

**CN-537 -B SIDE-**  
1-641-141-11  
For Remote Control Unit



**CN-539 -COMPONENT SIDE-**  
1-641-140-11  
For Remote Control Unit

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

DR-70 -COMPONENT SIDE-  
1-627-127-12  
For Remote Control Unit

DR-70 (1-627-127-12)

CN820 J11  
CN821 F11  
CN822 D11  
CN823 A9  
CN824 C10  
CN825 C9  
CN826 E1  
CN827 J1  
CN829 C11

E1 A1  
E2 A10  
E3 F1  
E4 F11  
E5 L2

ICA4 A4  
ICA5 A5  
ICA6 A6  
ICA7 A7  
ICA8 A8

ICB1 B1  
ICB2 B2  
ICB3 B3  
ICB4 B4  
ICB6 B6  
ICB7 B7  
ICB8 B8

ICC2 C2  
ICC3 C3  
ICC4 C4  
ICC5 C5  
ICC6 C6  
ICC7 C7  
ICC8 C8

ICD2 D2  
ICD3 D3  
ICD4 D4  
ICD5 D5  
ICD6 D6  
ICD7 D7  
ICD8 D8

ICE2 E2  
ICE3 E3  
ICE4 E4  
ICE5 E5  
ICE6 E6  
ICE7 E7  
ICE8 E8

ICF2 F2  
ICF3 F3  
ICF4 F4  
ICF5 F5  
ICF8 F8  
ICF9 F9  
ICF10 F10  
ICF11 F11

ICG2 G2  
ICG3 G3  
ICG4 G4  
ICG5 G5  
ICG6 G6  
ICG8 G8  
ICG9 G9  
ICG10 G10  
ICG11 G11

ICH2 H2  
ICH3 H3  
ICH5 H5  
ICH6 H6  
ICH8 H8  
ICH9 H9  
ICH10 H10

ICJ3 J3  
ICJ5 J5  
ICJ7 J7  
ICJ9 J9  
ICJ10 J10  
ICJ11 J11

ICK4 K4  
ICK5 K5  
ICK6 K6  
ICK7 K7



- ICK8

ICK10

ICK11
- L1

L2

L3

L4

L5

L6

L7

L8

L9

L10

L11
- RB1

RB2

RB3

RB4

RB5

RB6

RB7

RB8

RB9

RB10

RB11

RB12

RB13

RB14

RB15

RB16

RB17

RB18
- B4

B6

C5

D5

F4

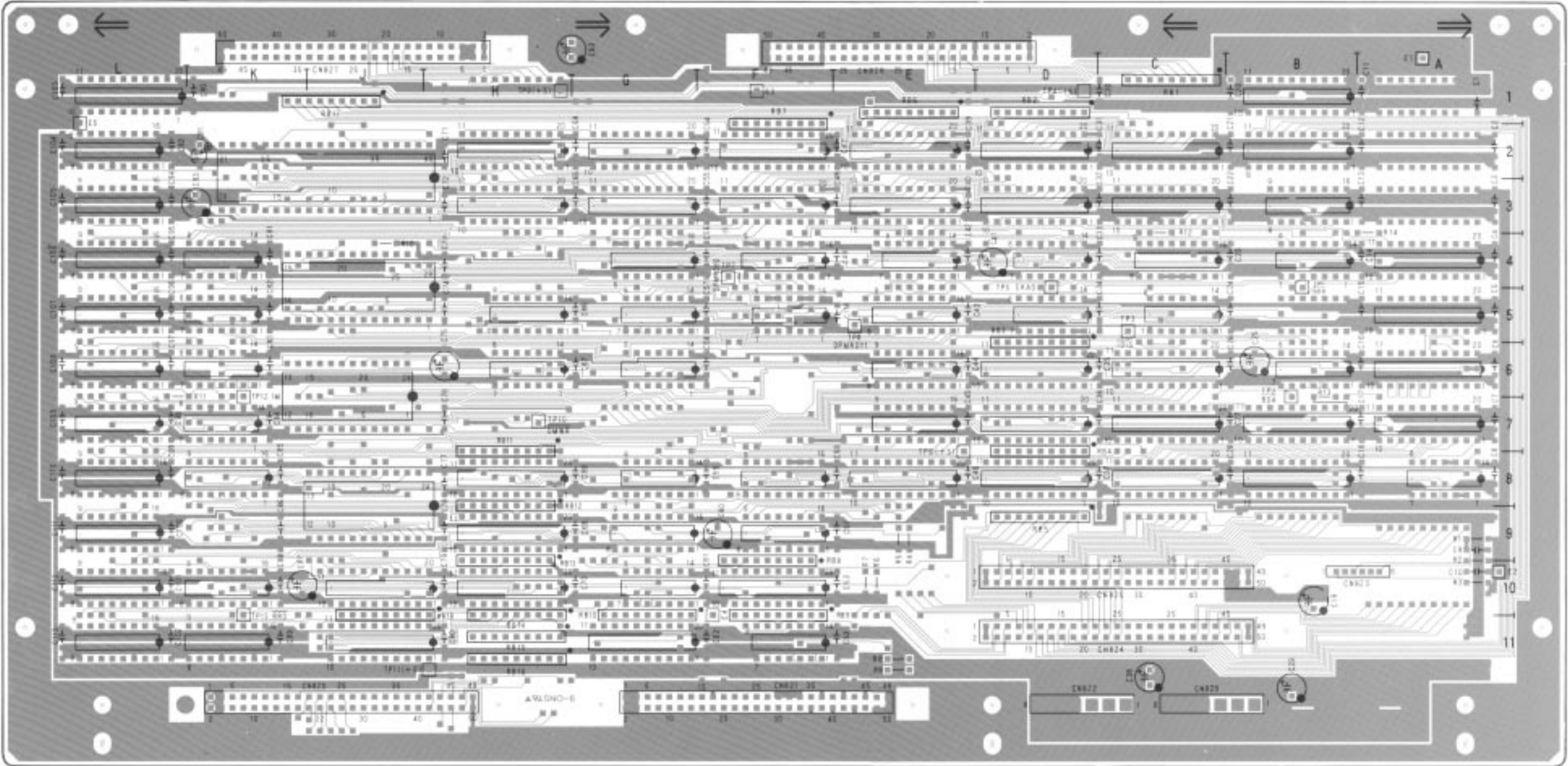
E5

H1

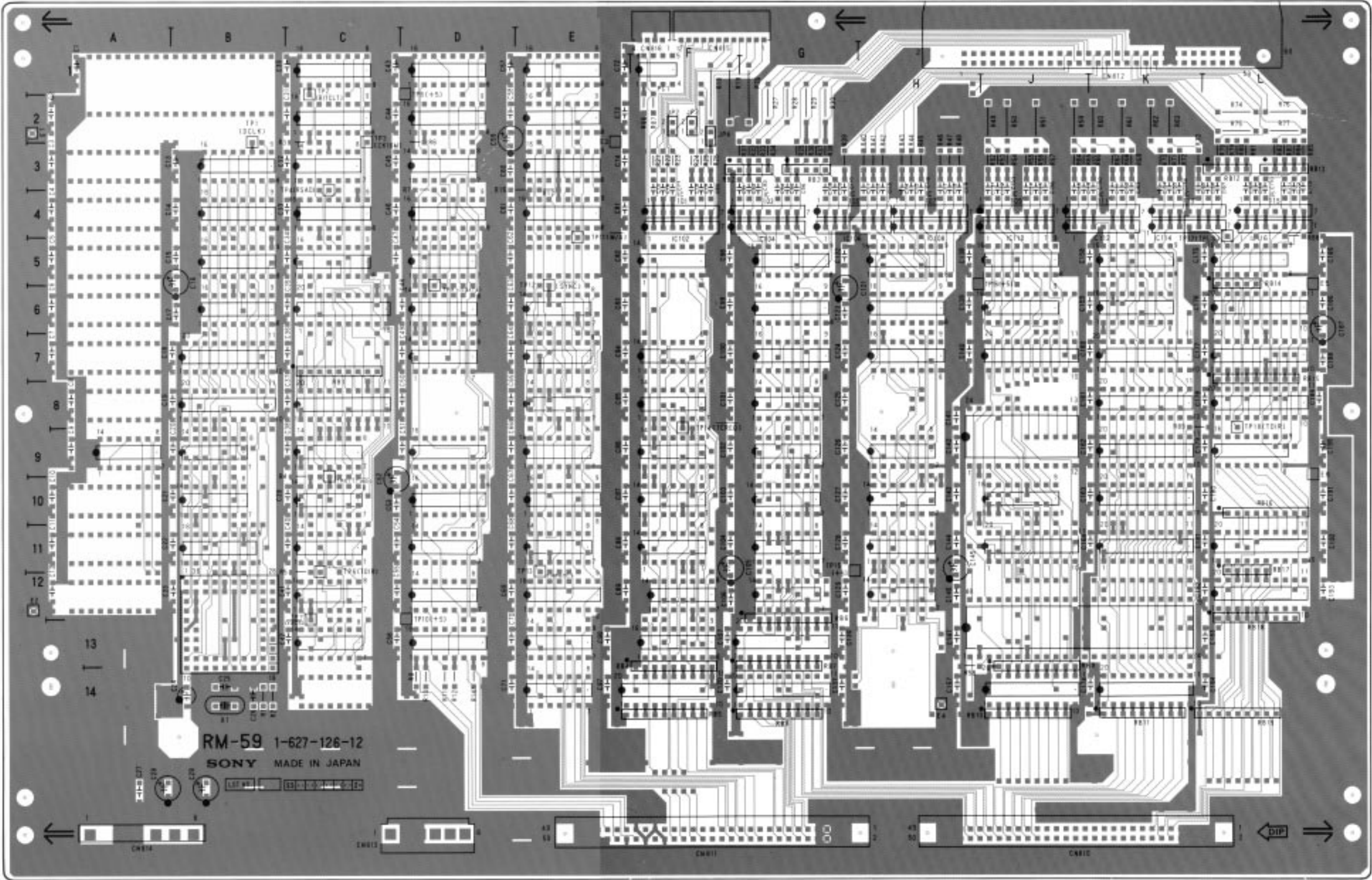
H7

K7

K11



**DR-70** -SOLDER SIDE-  
1-627-127-12  
For Remote Control Unit



PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

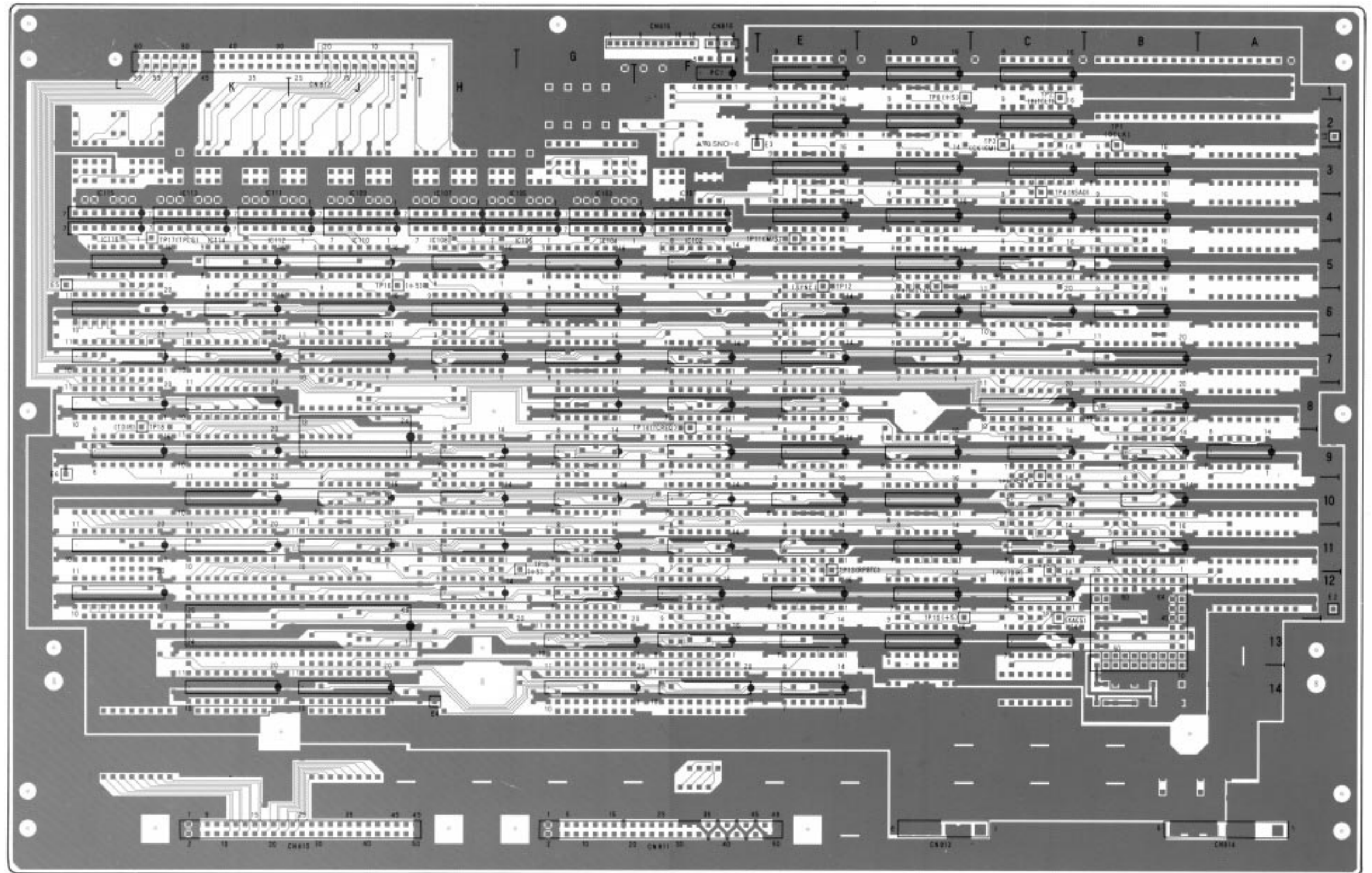
RM-59 -COMPONENT SIDE-  
1-627-126-12  
For Remote Control Unit

RM-59 (1-627-126-12)

- |       |     |
|-------|-----|
| CN810 | J14 |
| CN811 | F14 |
| CN812 | K1  |
| CN813 | C14 |
| CN814 | A14 |
| CN815 | F1  |
| CN816 | F1  |
| E1    | A2  |
| E2    | A12 |
| E3    | E3  |
| E4    | H14 |
| E5    | L6  |
| E6    | L10 |
| ICA9  | A9  |
| ICB3  | B3  |
| ICB4  | B4  |
| ICB5  | B5  |
| ICB6  | B6  |
| ICB7  | B7  |
| ICB8  | B8  |
| ICB9  | B9  |
| ICB10 | B10 |
| ICB11 | B11 |
| ICB13 | B13 |
| ICC1  | C1  |
| ICC2  | C2  |
| ICC3  | C3  |
| ICC4  | C4  |
| ICC5  | C5  |
| ICC6  | C6  |
| ICC8  | C8  |
| ICC9  | C9  |
| ICC10 | C10 |
| ICC11 | C11 |
| ICC12 | C12 |
| ICC13 | C13 |
| ICD1  | D1  |
| ICD2  | D2  |
| ICD3  | D3  |
| ICD4  | D4  |
| ICD5  | D5  |
| ICD6  | D6  |
| ICD7  | D7  |
| ICD9  | D9  |
| ICD10 | D10 |
| ICD11 | D11 |
| ICD12 | D12 |
| ICD13 | D13 |
| ICE1  | E1  |
| ICE2  | E2  |
| ICE3  | E3  |
| ICE4  | E4  |
| ICE6  | E6  |
| ICE7  | E7  |
| ICE8  | E8  |
| ICE9  | E9  |
| ICE10 | E10 |
| ICE11 | E11 |
| ICE12 | E12 |
| ICE13 | E13 |
| ICE14 | E14 |
| ICF5  | F5  |
| ICF7  | F7  |
| ICF8  | F8  |
| ICF9  | F9  |
| ICF10 | F10 |
| ICF11 | F11 |
| ICF12 | F12 |
| ICF13 | F13 |
| ICF14 | F14 |
| ICG5  | G5  |
| ICG6  | G6  |
| ICG7  | G7  |
| ICG8  | G8  |
| ICG9  | G9  |
| ICG10 | G10 |
| ICG11 | G11 |
| ICG12 | G12 |
| ICG13 | G13 |
| ICG14 | G14 |
| ICH5  | H5  |
| ICH6  | H6  |
| ICH7  | H7  |



X1            B14

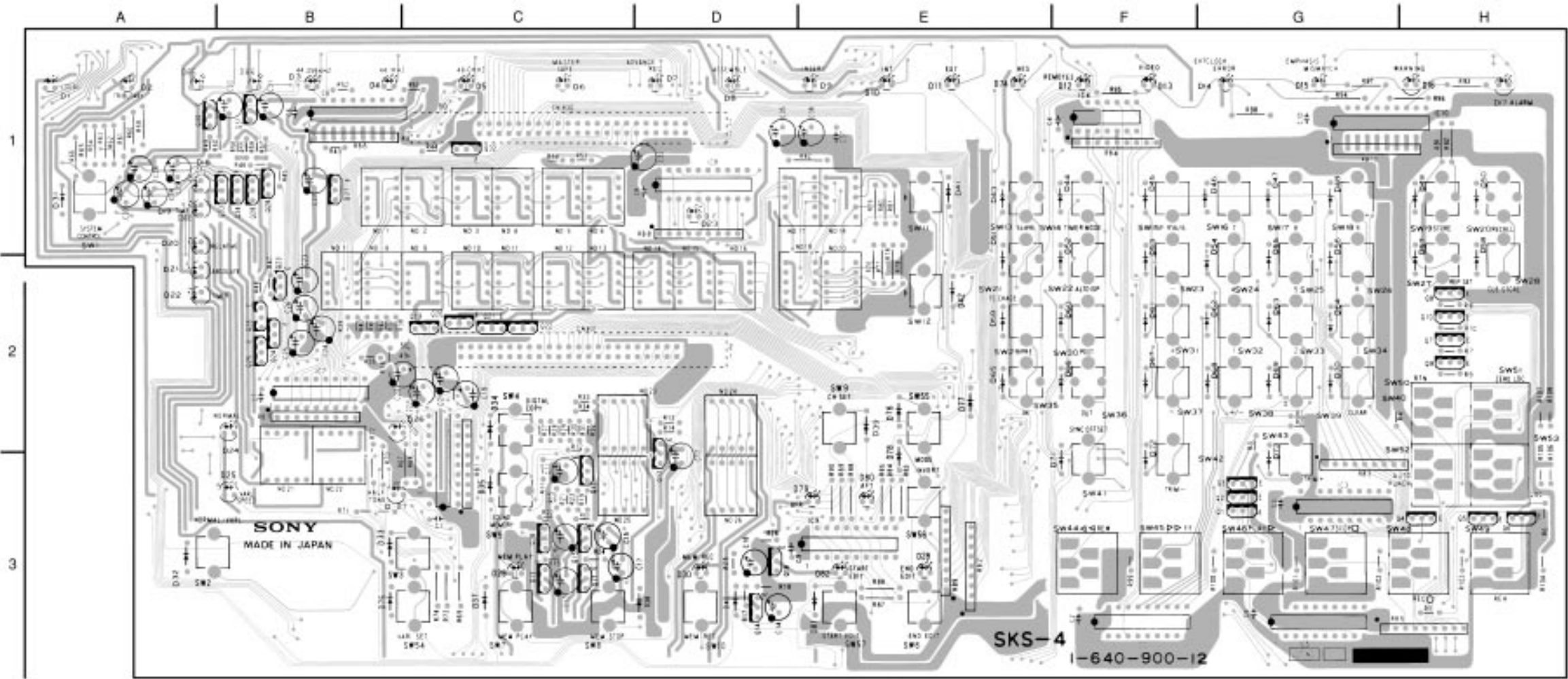


PCM-3348HR

SKS-4 (1-640-900-12)

\*: B SIDE

CN830	*	C1	IC4
CN831	*	C2	F1
			IC5
D1		A1	G3
D2		A1	IC6
D3		B1	B1
D4		B1	IC7
D5		C1	B2
D6		C1	IC8
D7		D1	D1
D8		D1	IC9
D9		E1	E3
D10		E1	IC10
D11		F1	H1
D12		F1	F1
D13		F1	ND1
D14		G1	B1
D15		G1	ND2
D16		H1	C1
D17		H1	ND3
D18		A1	C1
D19		A1	ND4
D20		A1	C1
D21		A2	ND5
D22		A2	C1
D23		D1	ND6
D24		B2	C1
D25		B3	ND7
D26		B2	B2
D27		B3	ND8
D28		E3	B2
D29		C3	ND9
D30		D3	C2
D31		A1	ND10
D32		D3	C2
D33		B3	ND11
D34		C2	C2
D35		C3	ND12
D37		C3	C2
D38		D3	ND13
D39		E2	C2
D40		D3	ND14
D41		E1	D2
D42		E2	ND15
D43		E1	D2
D44		F1	ND16
D45		F1	D2
D46		G1	ND17
D47		G1	E1
D48		G1	ND18
D49		H1	E1
D50		H1	ND19
D51		E1	E2
D52		F2	ND20
D53		F2	E2
D54		G2	ND21
D55		G2	B3
D56		G2	ND22
D57		H2	B3
D58		H2	ND23
D59		E2	D2
D60		F2	ND24
D61		F2	D2
D62		G2	ND25
D63		G2	D3
D64		G2	ND26
D65		E2	D3
D66		F2	
D67		F2	Q1
D68		G2	G3
D69		G2	Q2
D70		G2	G3
D71		F3	Q3
D72		F3	G3
D73		G3	Q4
D74		E1	H3
D75		B3	Q5
D76		E2	H3
D77		E2	Q6
D78		E3	H3
D79		D3	Q7
D80		E3	H2
D81		E3	Q8
D82		E3	H2
D85		A1	Q9
D86		B1	H2
			Q10
IC1		C3	H2
IC2		F3	Q11
IC3		G3	C3

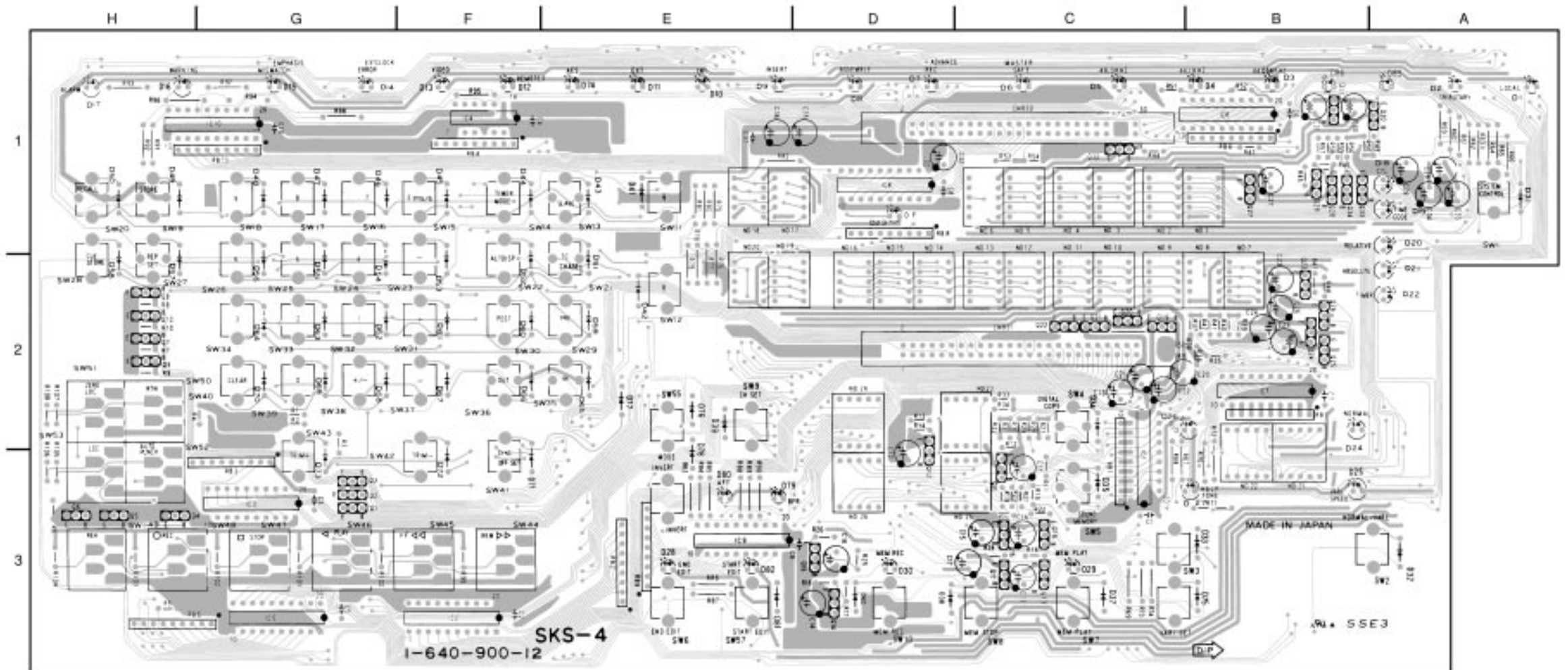


PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

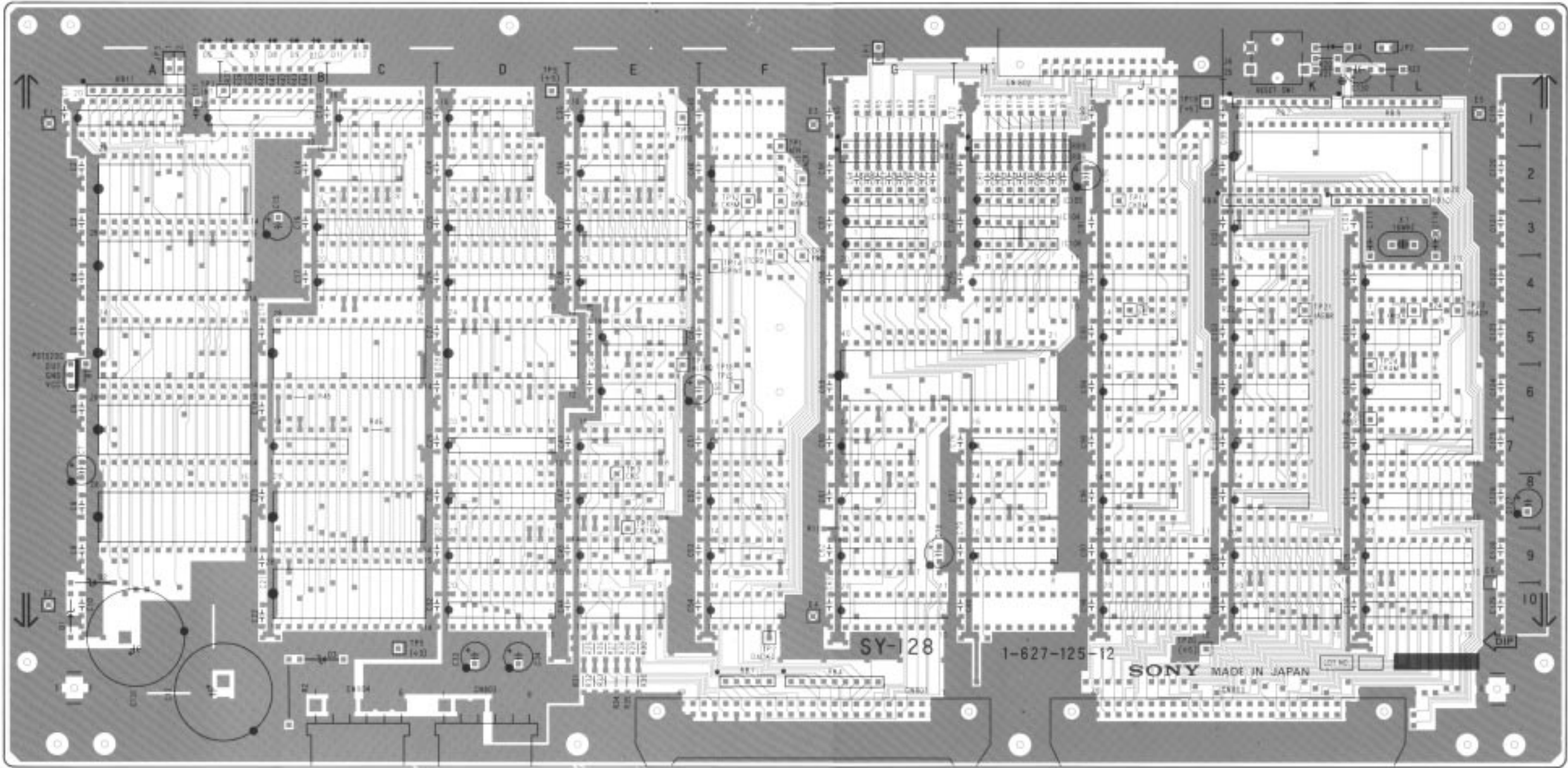
SKS-4 -COMPONENT SIDE-  
1-640-900-12  
For Remote Control Unit



SW10	D3
SW11	E1
SW12	E2
SW13	E1
SW14	F1
SW15	F1
SW16	G1
SW17	G1
SW18	G1
SW19	H1
SW20	H1
SW21	E2
SW22	F2
SW23	G2
SW24	G2
SW25	G2
SW26	H2
SW27	H2
SW28	H2
SW29	E2
SW30	F2
SW31	F2
SW32	G2
SW33	G2
SW34	H2
SW35	F2
SW36	F2
SW37	F2
SW38	G2
SW39	G2
SW40	H2
SW41	F3
SW42	G3
SW43	G2
SW44	F3
SW45	F3
SW46	G3
SW47	G3
SW48	H3
SW49	H3
SW50	H2
SW51	H2
SW52	H3
SW53	H3
SW54	B3
SW55	E2
SW56	E3
SW57	E3



**SKS-4** -SOLDER SIDE-  
1-640-900-12  
For Remote Control Unit



PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

**SY-128A** -COMPONENT SIDE-  
1-627-125-12  
For Remote Control Unit

SY-128 (1-627-125-12)

CN800 K10  
CN801 G10  
CN802 H1  
CN803 D10  
CN804 C10

D1 A10  
D2 A9  
D3 C10  
D4 K1  
D5 A1  
D6 B1  
D7 B1  
D8 B1  
D9 B1  
D10 B1  
D11 C1  
D12 C1

E1 A1  
E2 A10  
E3 F1  
E4 F10  
E5 L1  
E6 L9

ICA1 A1  
ICA2 A2  
ICA4 A4  
ICA5 A5  
ICA6 A6

ICB1 B1

ICC1 C1  
ICC2 C2  
ICC3 C3  
ICC4 C4  
ICC5 C5  
ICC7 C7

ICD1 D1  
ICD2 D2  
ICD3 D3  
ICD4 D4  
ICD5 D5  
ICD7 D7  
ICD8 D8  
ICD9 D9  
ICD10 D10

ICE1 E1  
ICE2 E2  
ICE3 E3  
ICE4 E4  
ICE5 E5  
ICE6 E6  
ICE7 E7  
ICE8 E8  
ICE9 E9  
ICE10 E10

ICF2 F2  
ICF3 F3  
ICF7 F7  
ICF8 F8  
ICF9 F9  
ICF10 F10

ICG4 G4  
ICG6 G6  
ICG7 G7  
ICG8 G8  
ICG9 G9  
ICG10 G10

ICH4 H4  
ICH7 H7  
ICH8 H8  
ICH9 H9

ICJ4 J4  
ICJ5 J5  
ICJ6 J6  
ICJ8 J8  
ICJ9 J9

ICJ10 J10

ICK2 K2  
ICK3 K3  
ICK4 K4

- ICK5

ICK6

ICK7

ICK8

ICK9

ICK10
- K5

K6

K7

K8

K9

K10

ICL4

ICL5

ICL6

ICL7

ICL8

ICL9

ICL10

L4

L5

L6

L7

L8

L9

L10

IC101

IC102

IC103

IC104

IC105

IC106

G2

G3

G3

H3

H2

H3

RB1

RB4

RB7

RB8

RB9

RB10

RB11

F10

G10

K1

J2

L1

L2

A1

TP1

TP2

TP3

TP4

TP7

TP8

TP9

TP10

TP11

TP12

TP13

TP14

TP15

TP16

TP17

TP18

TP19

TP21

TP22

TP23

TP24

TP25

F1

F10

A1

F3

E1

E5

E7

E8

F2

F2

F2

F4

F3

F6

J2

J5

J1

K4

L4

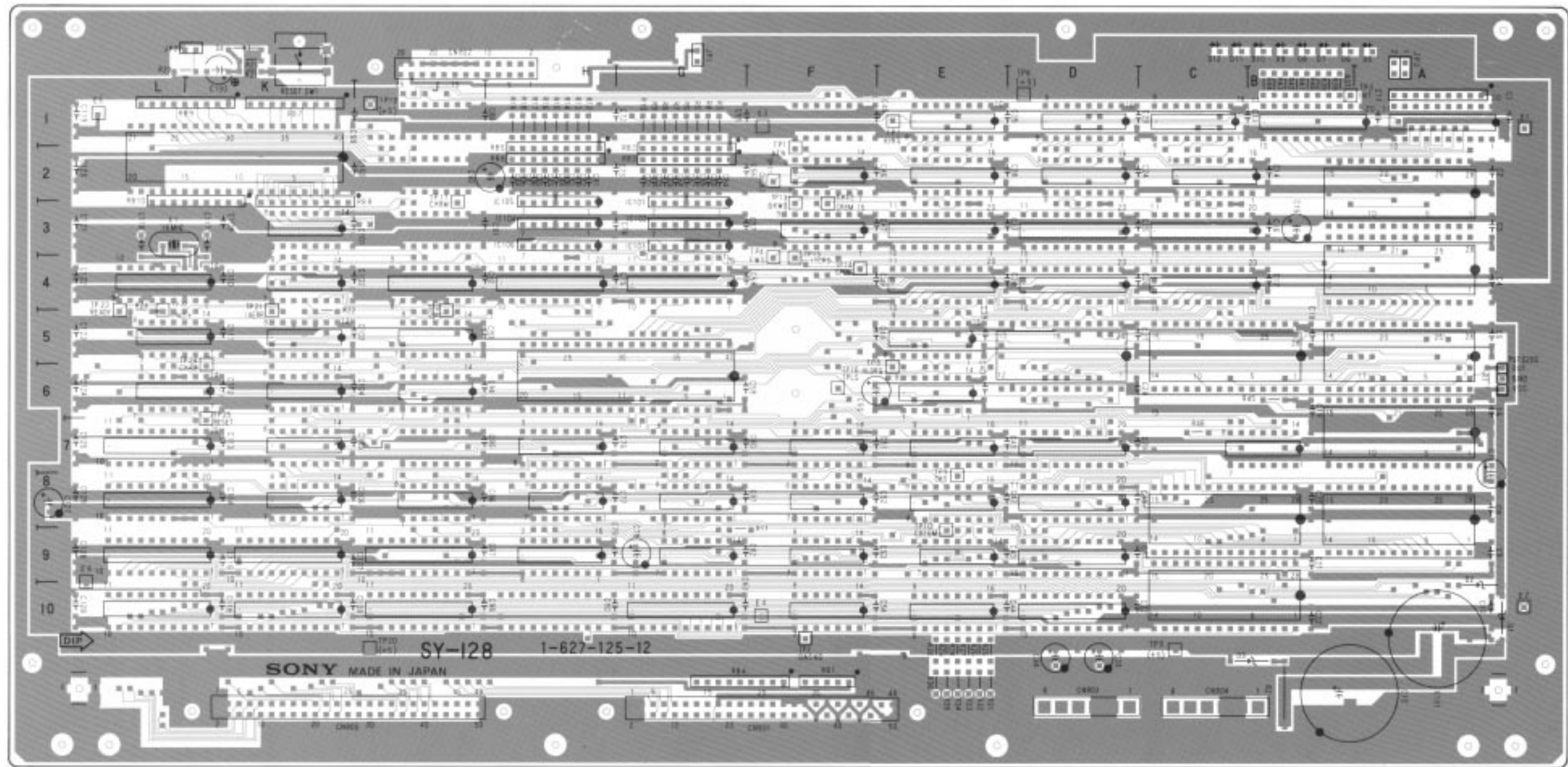
L4

K5

K6

X1

L3



**SY-128A** -SOLDER SIDE-  
1-627-125-12  
For Remote Control Unit





Section 8

Schematic Diagrams

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PCM-3348HR

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RM-3348HR

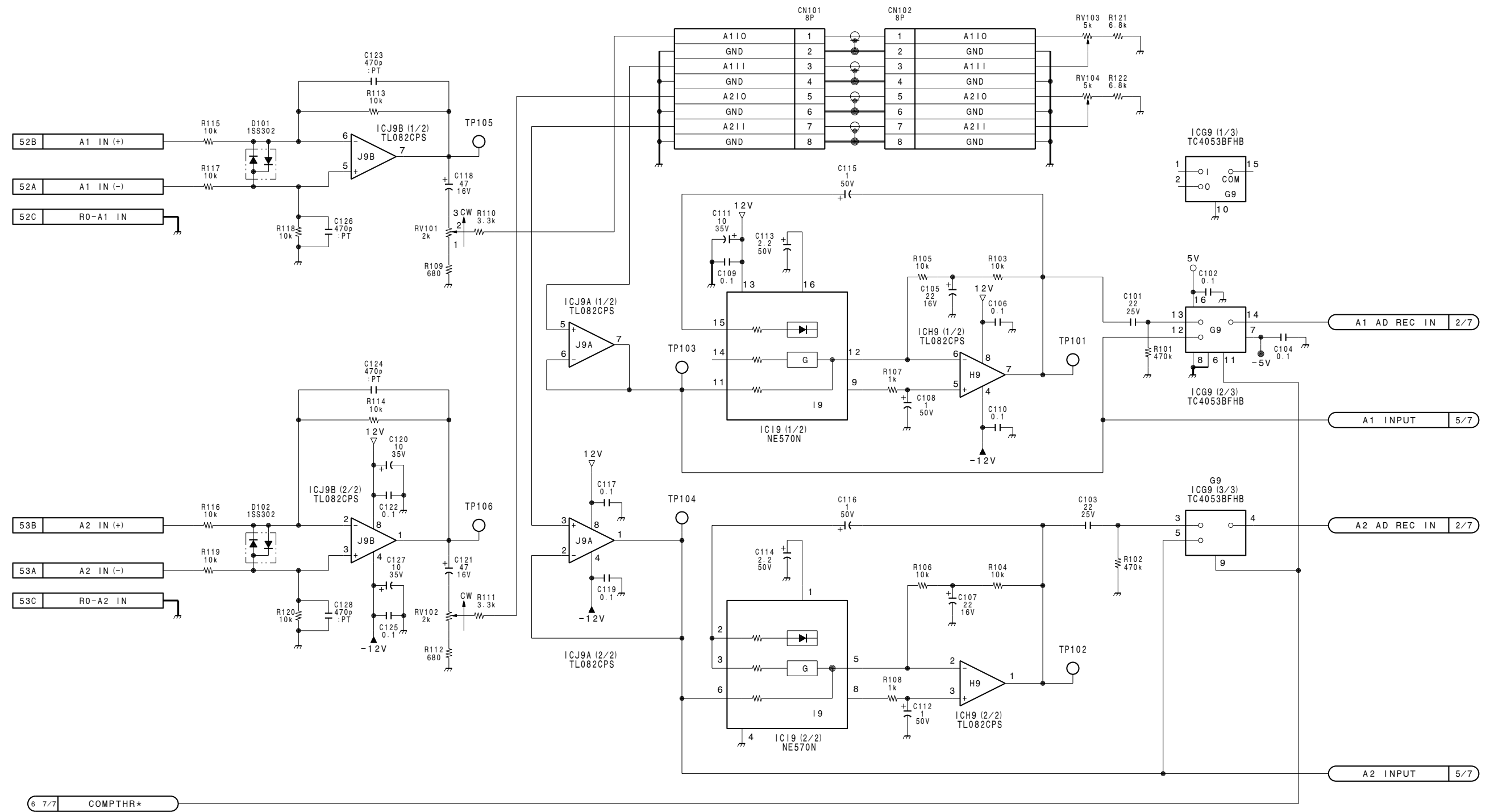
Board Name	Function	Page
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DABK-3343HR

Board Name	Function	Page
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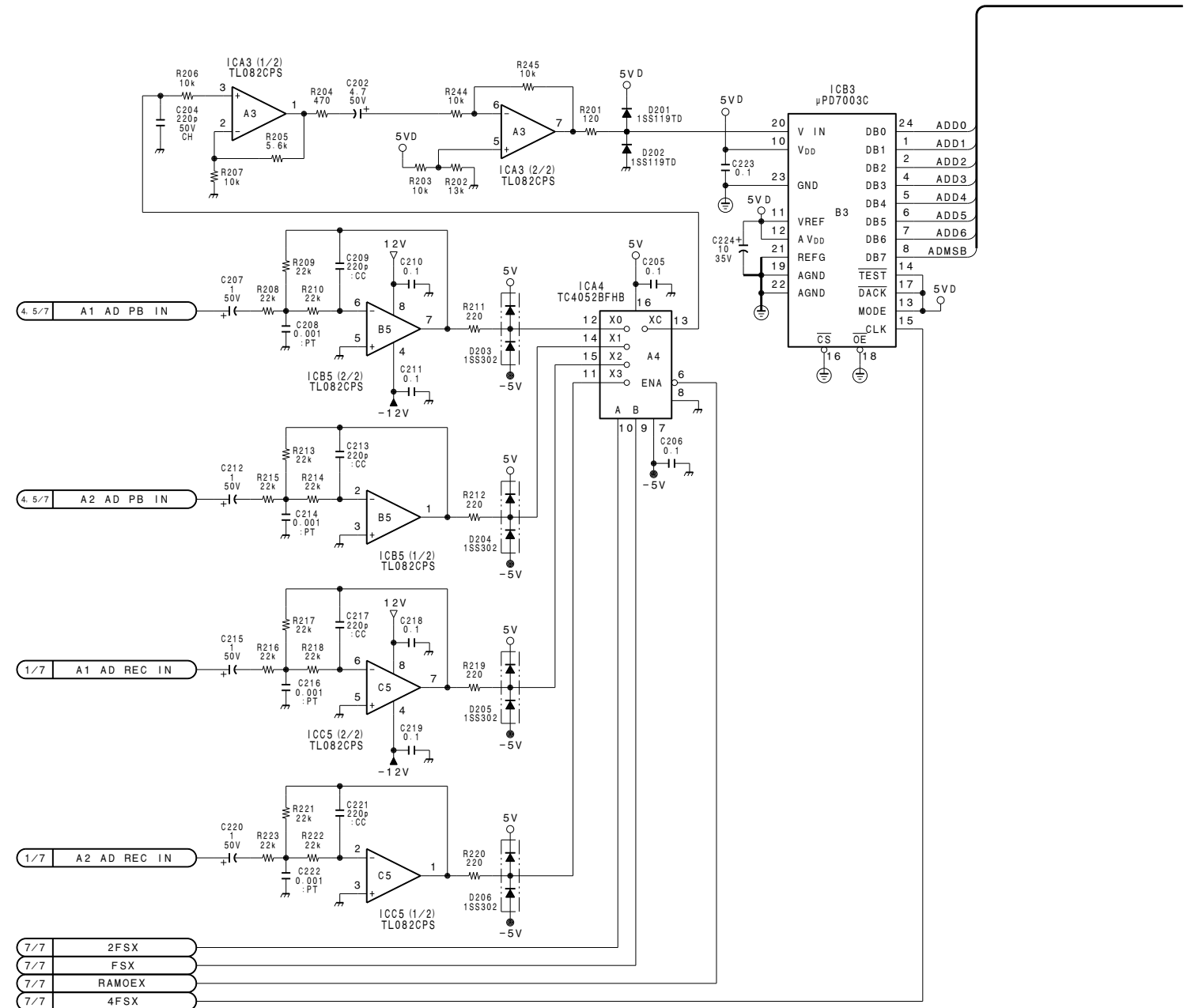


PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

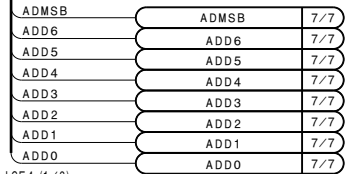


ANALOG REC/PLAYBACK AMPLIFIER  
**ARP-5 (1/7)**  
BOARD NO. 1-642-467-12  
B-PCM3348HR-ARP5-S/M

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

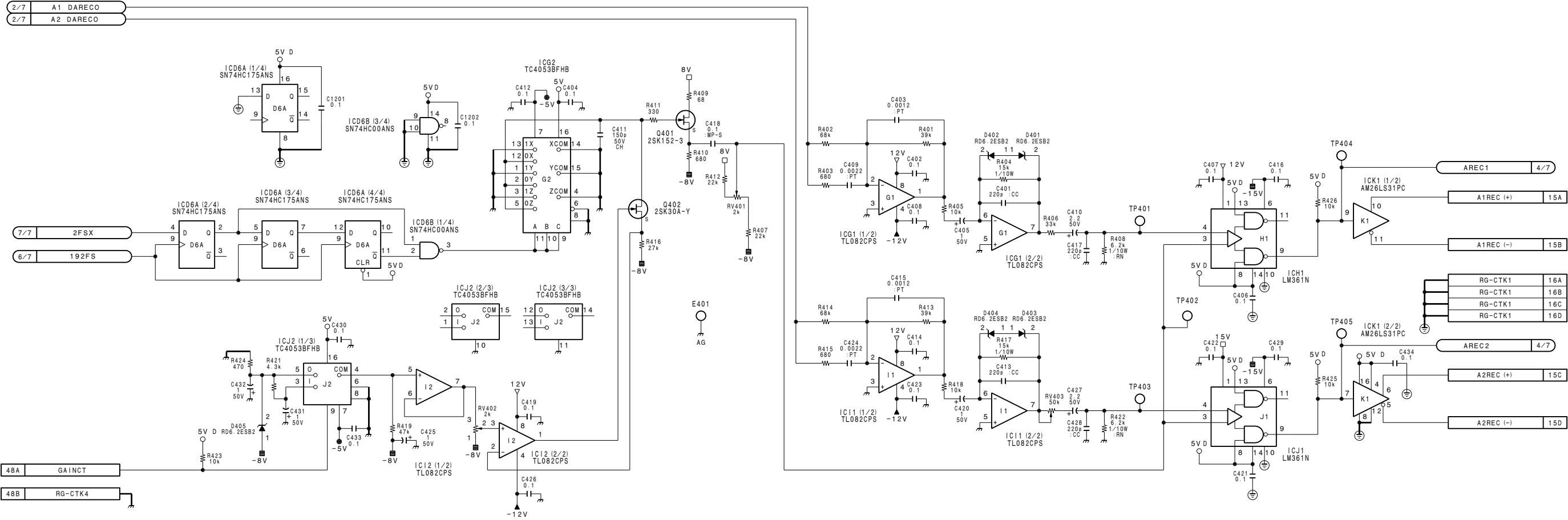






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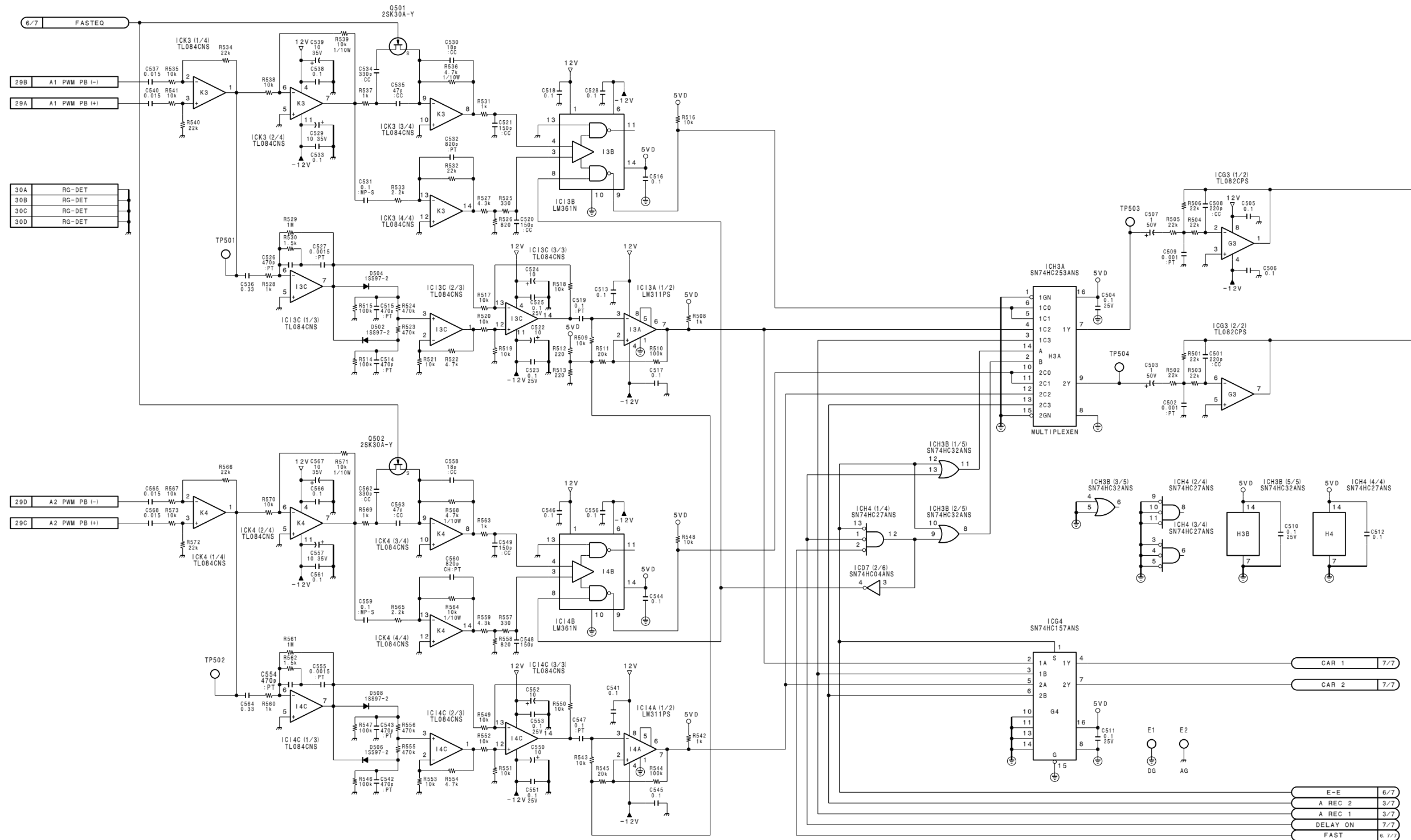
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



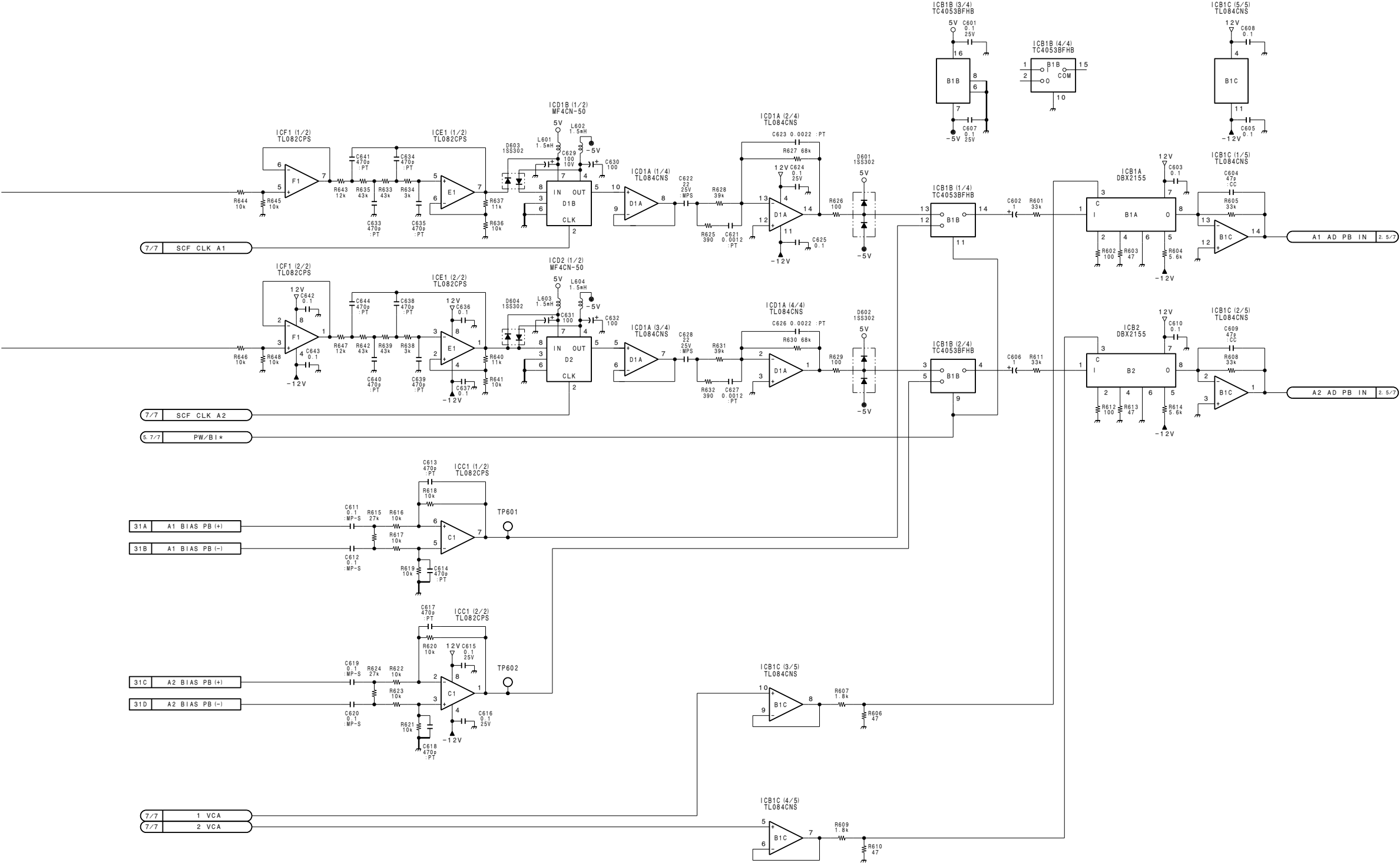
ANALOG REC/PLAYBACK AMPLIFIER  
**ARP-5 (3/7)**  
BOARD NO. 1-642-467-12  
B-PCM3348HR-ARP5-S/M



PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

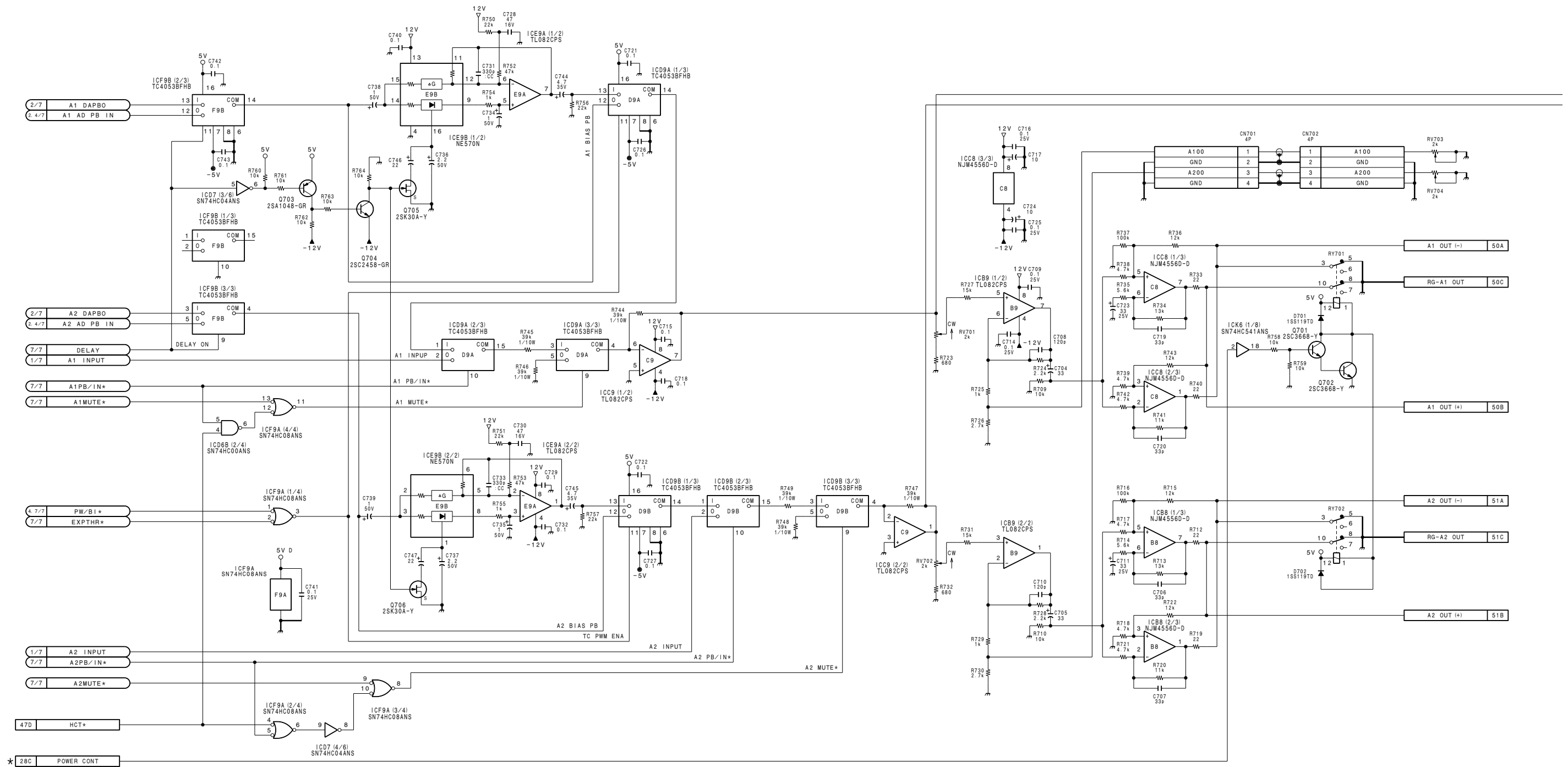


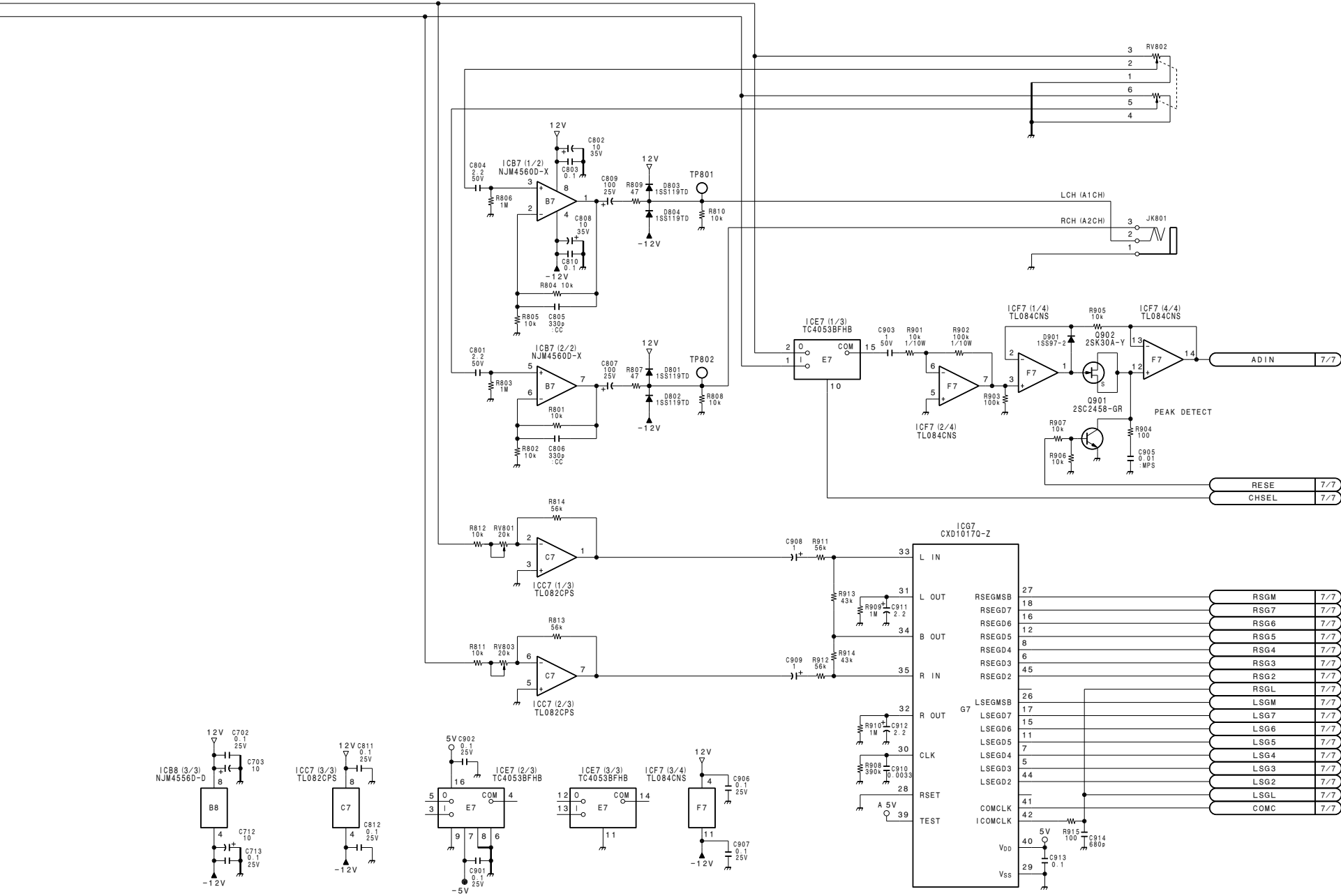




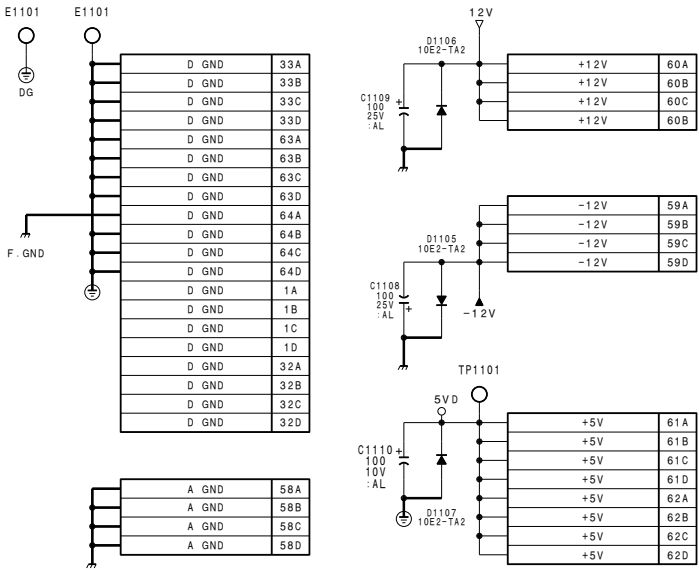
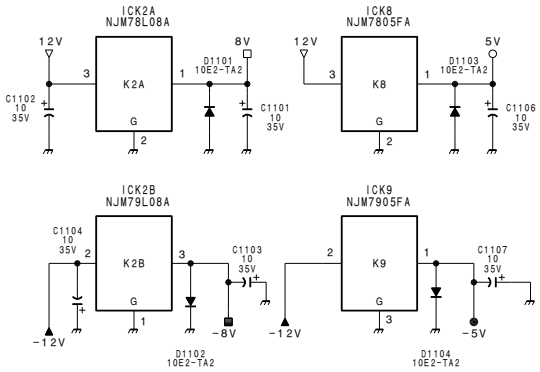
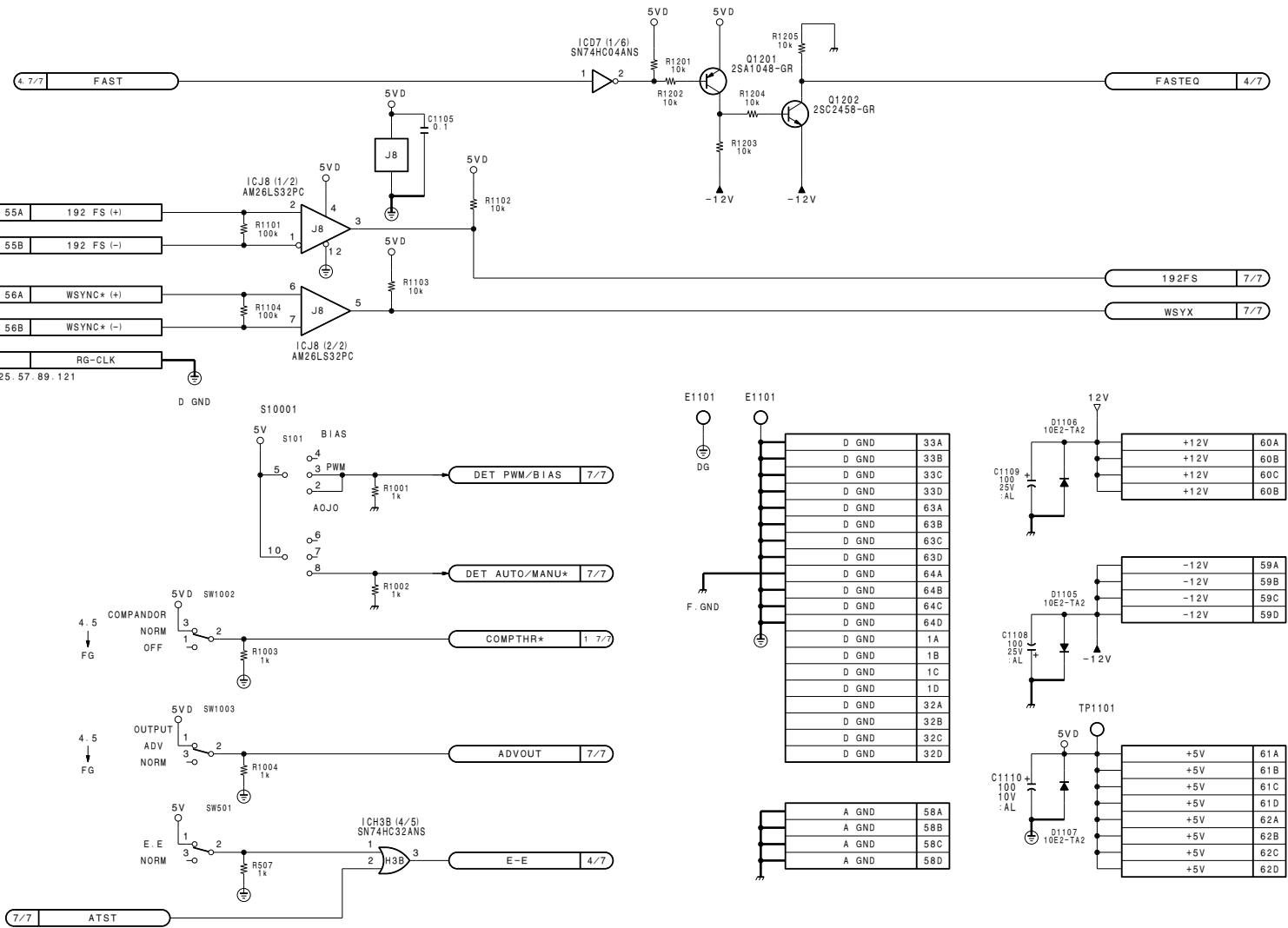
ANALOG REC/PLAYBACK AMPLIFIER  
**ARP-5 (4/7)**  
BOARD NO. 1-642-467-12  
B-PCM3348HR-ARP5-S/M

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher





PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



ANALOG REC/PLAYBACK AMPLIFIER  
**ARP-5 (6/7)**  
BOARD NO. 1-642-467-12  
B-WPCM3348HR-ARP5-S/M

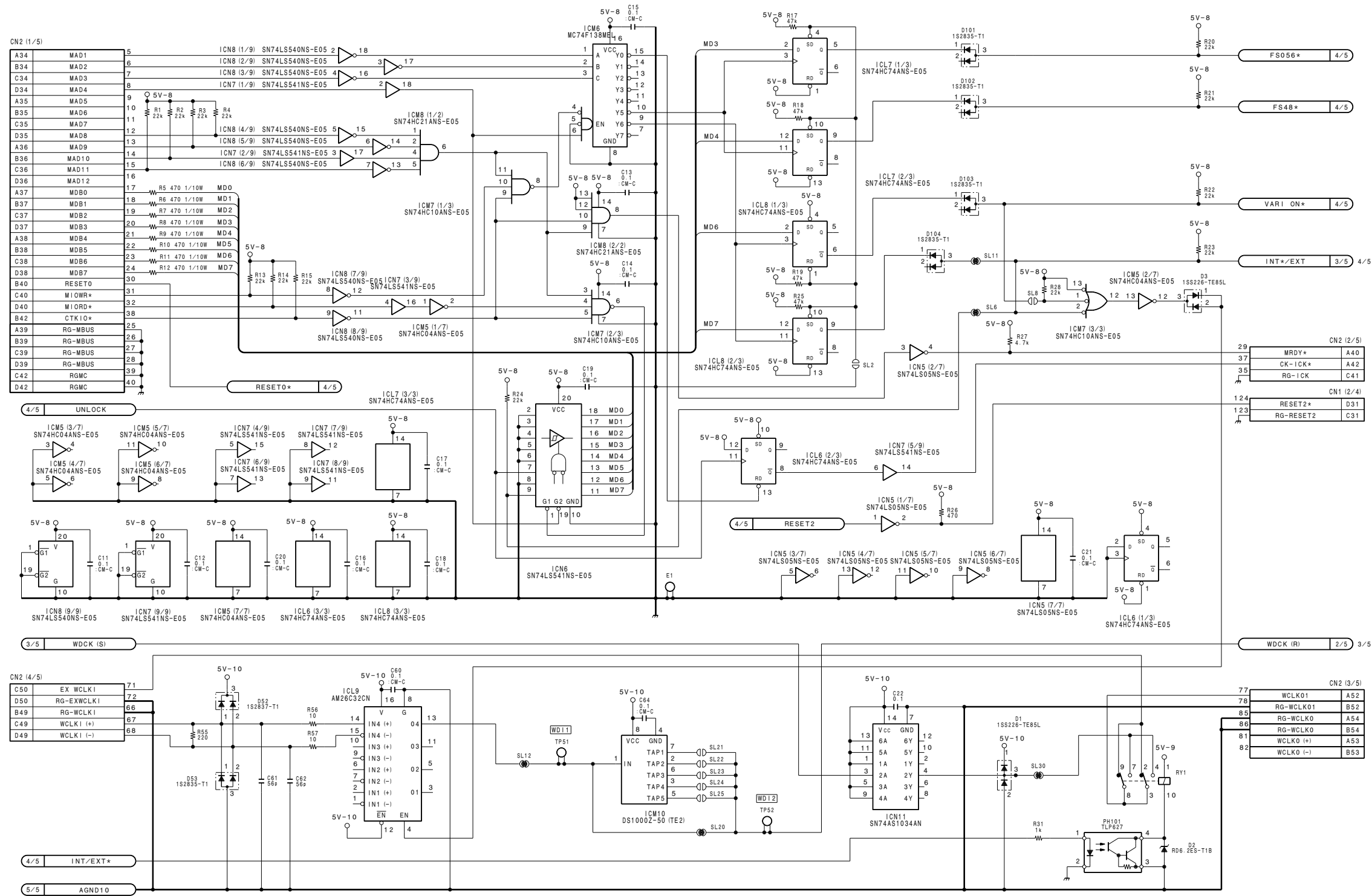


## ARP-5 (7/7)

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

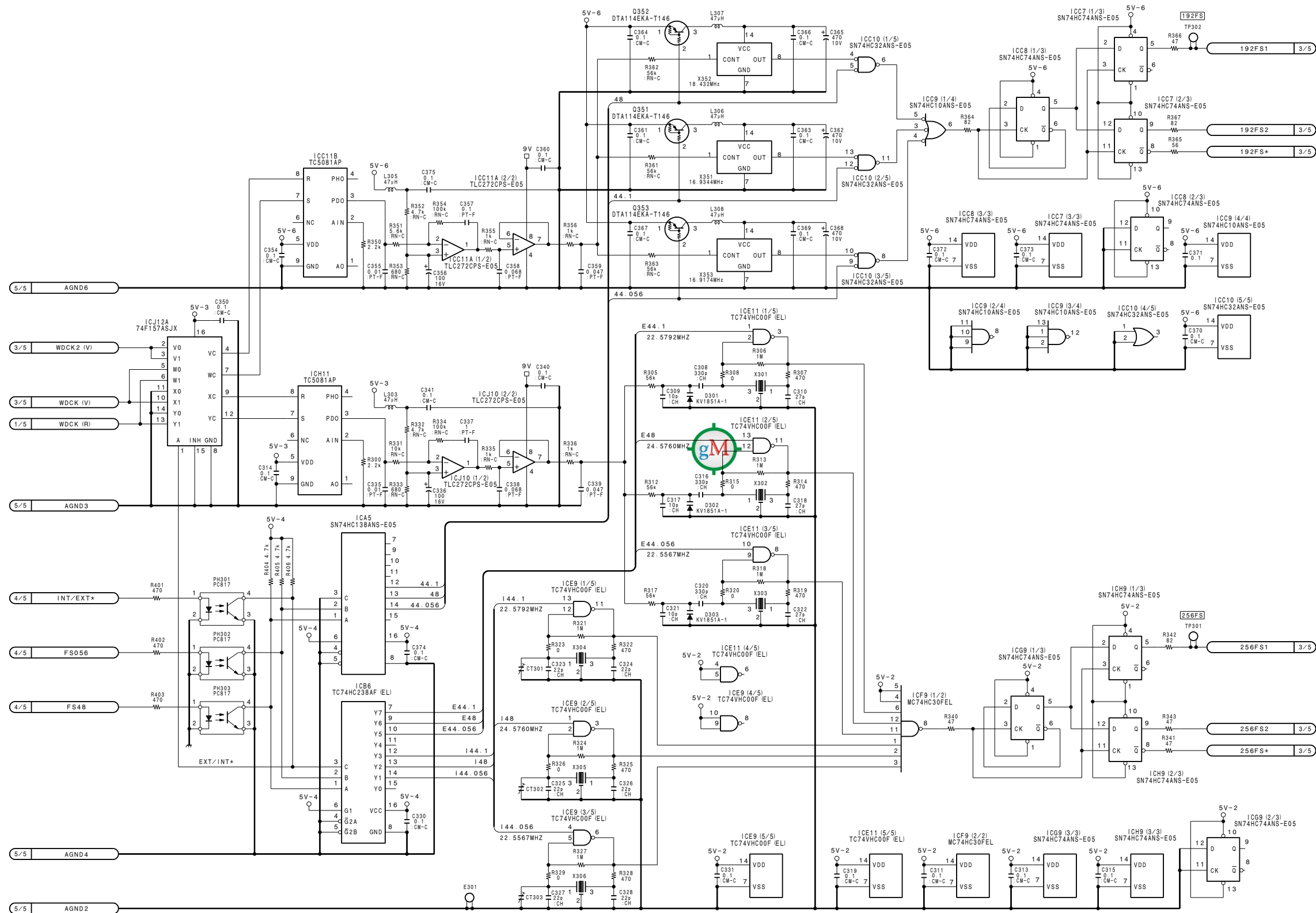


PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



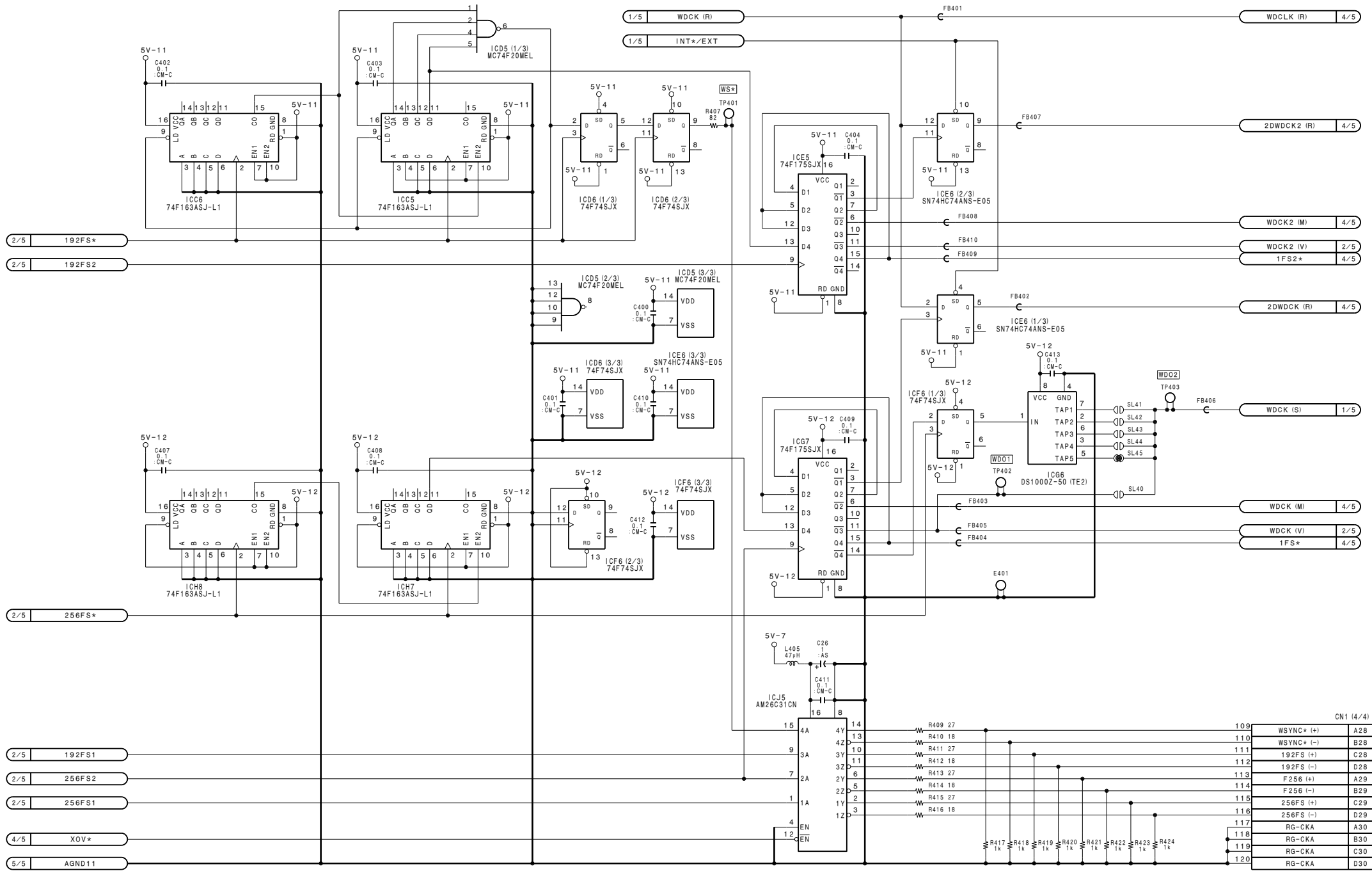
CLOCK  
**CK-30 (1/5)**  
BOARD NO. 1-658-951-13  
B-PCM3348HR-CK30-S/M

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



CLOCK  
**CK-30 (2/5)**  
BOARD NO. 1-658-951-13  
B-WPCM3348HR-CK30-S/M

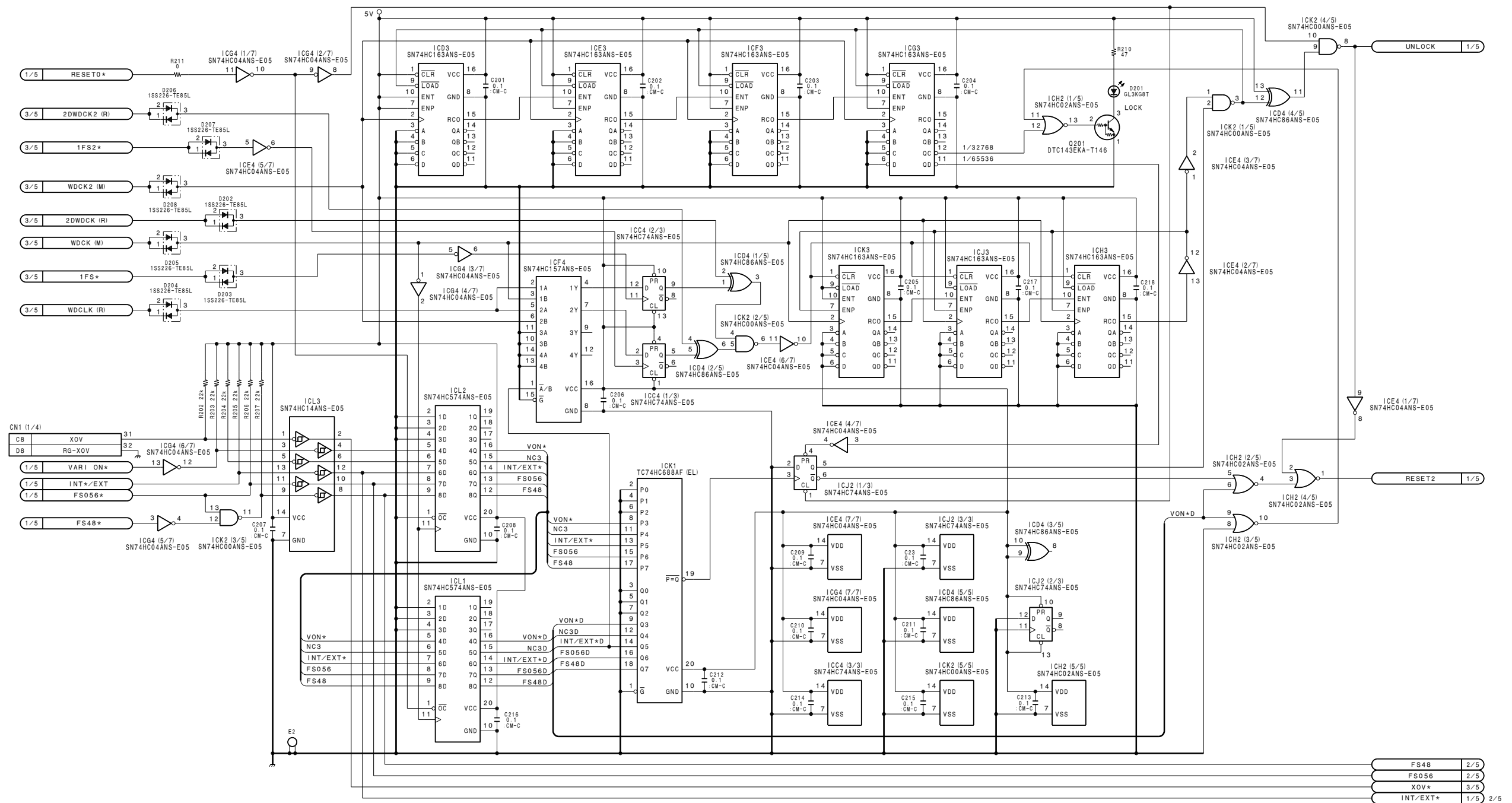
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



CLOCK  
**CK-30 (3/5)**  
BOARD NO. 1-658-951-13  
B-WPCM3348HR-CK30-S/M

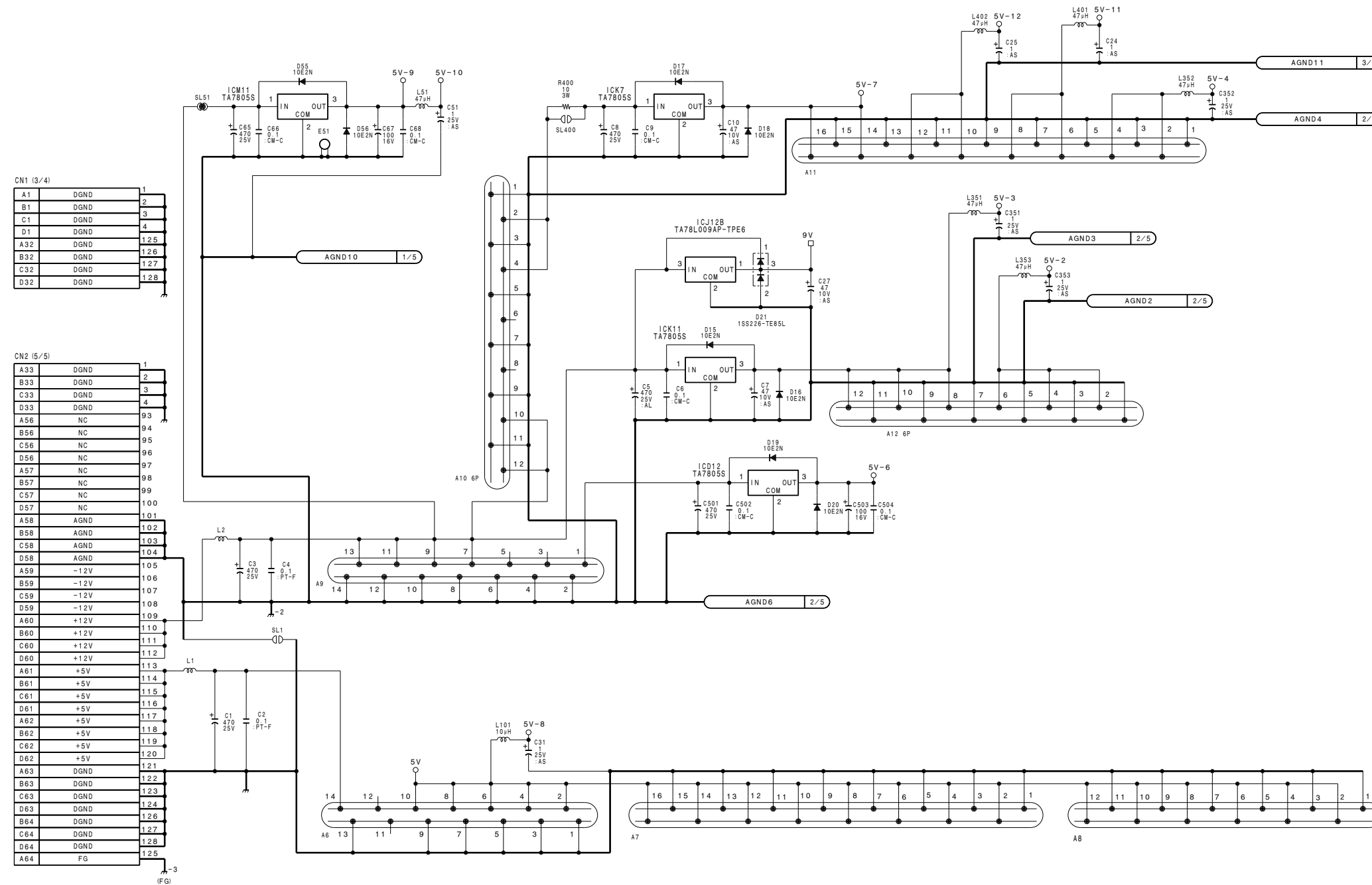


PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



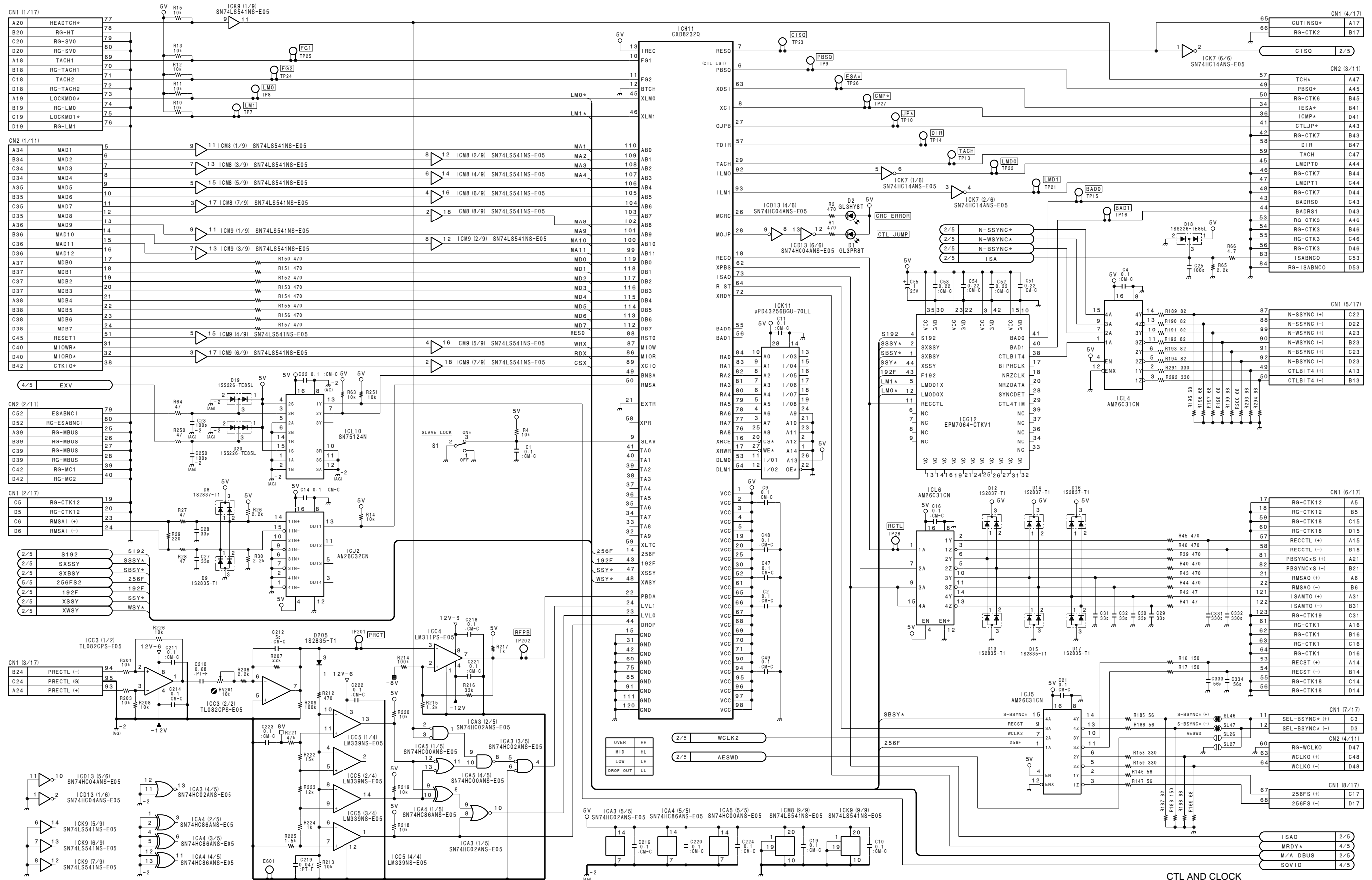
CLOCK  
**CK-30 (4/5)**  
BOARD NO. 1-658-951-13  
B-¥PCM3348HR-CK30-S/M

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

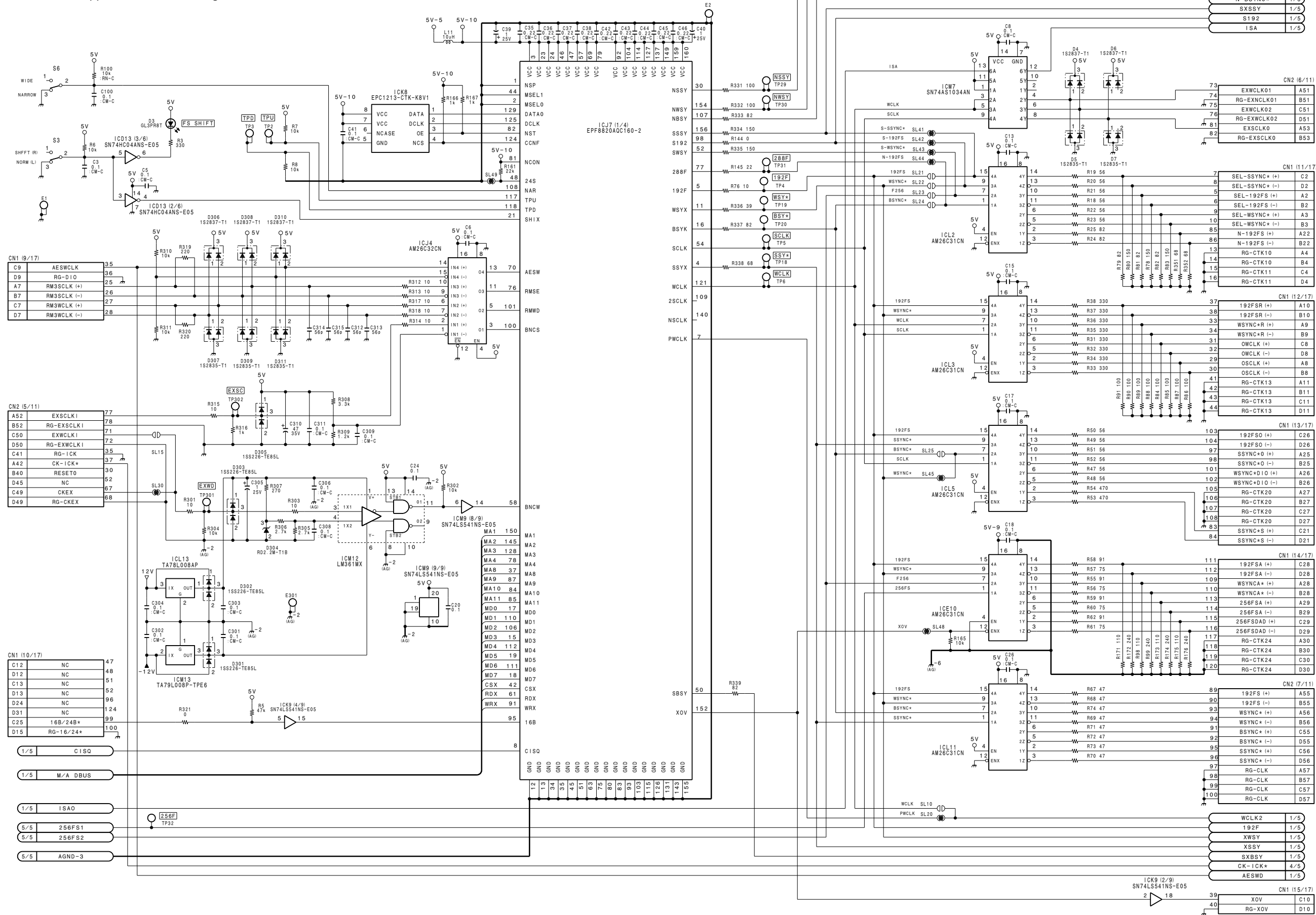


CLOCK  
**CK-30 (5/5)**  
BOARD NO. 1-658-951-13  
B-¥PCM3348HR-CK30-S/M

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



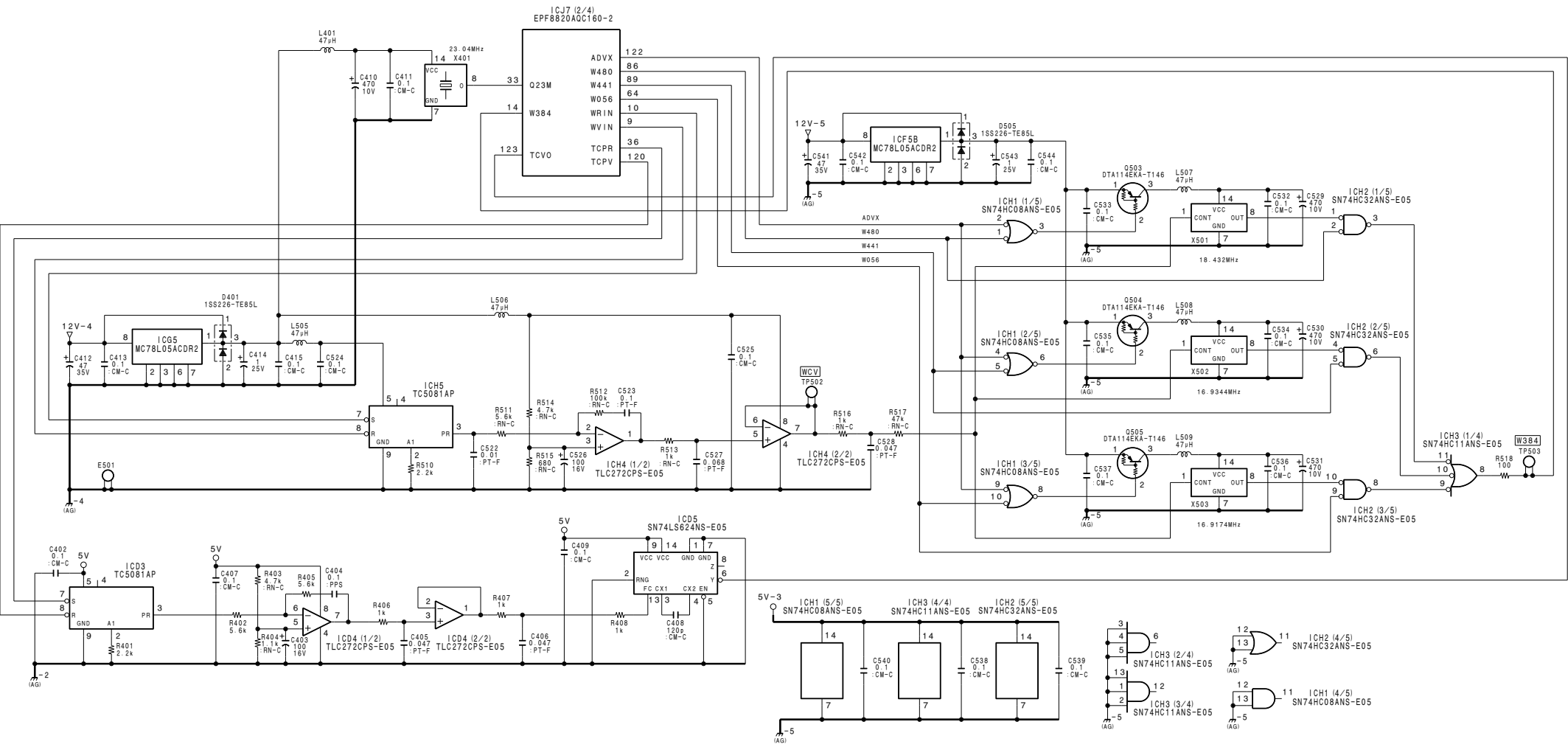
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



CTL AND CLOCK  
**CTK-15 (2/5)**  
BOARD NO. 1-658-950-13  
B-¥PCM3348HR-CTK15-S/M

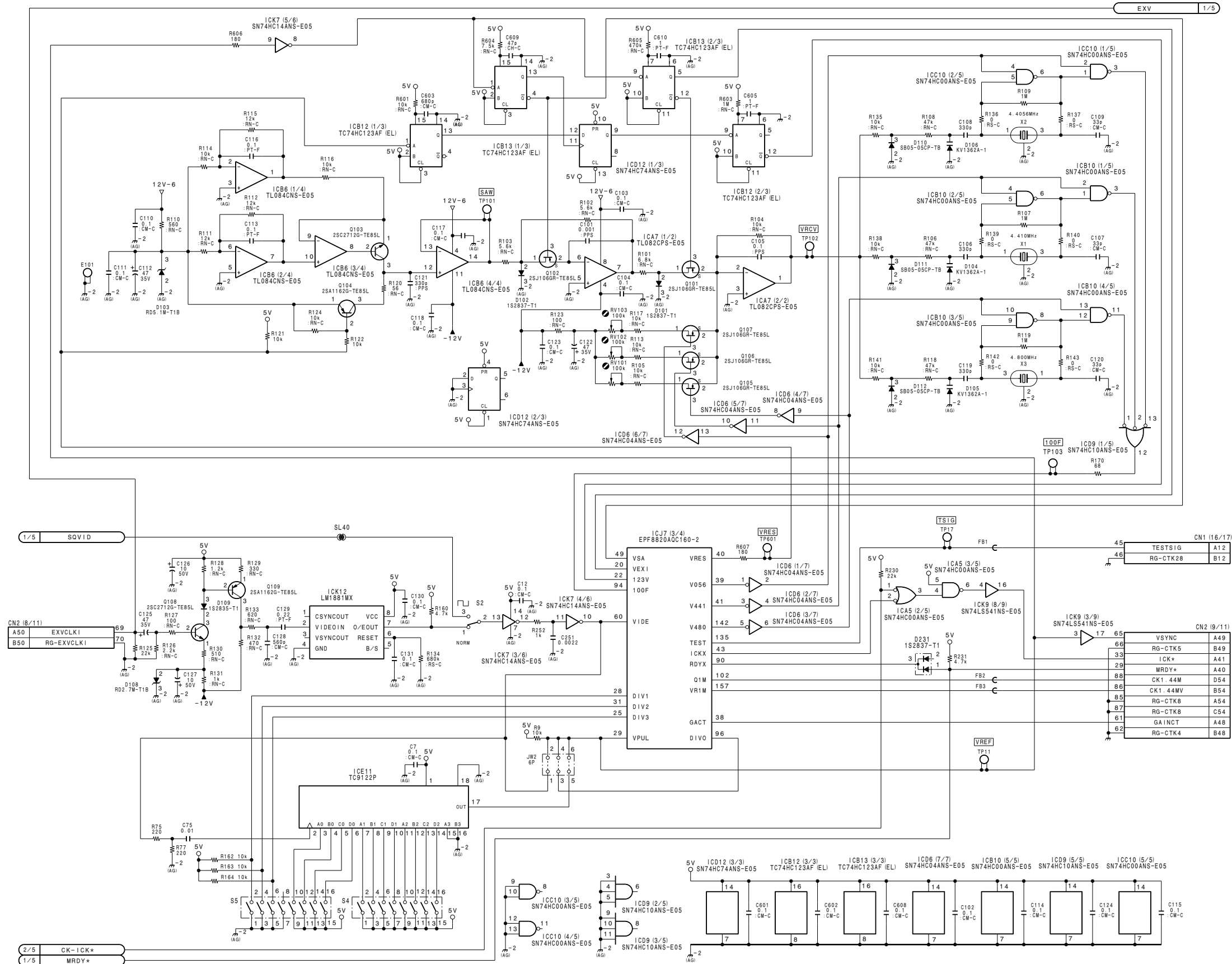


PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

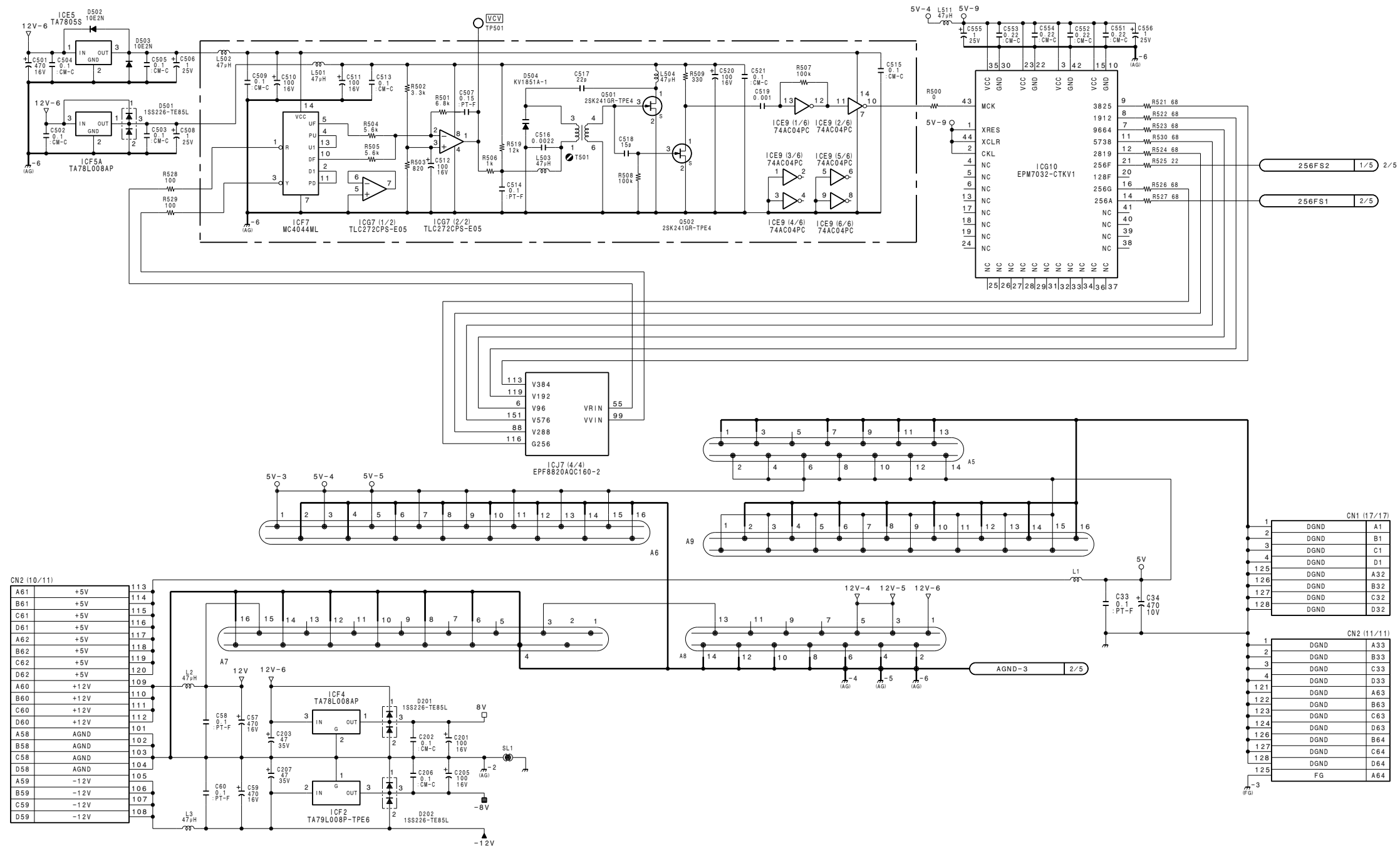


CTL AND CLOCK  
**CTK-15 (3/5)**  
BOARD NO. 1-658-950-13  
B-PCM3348HR-CTK15-S/M

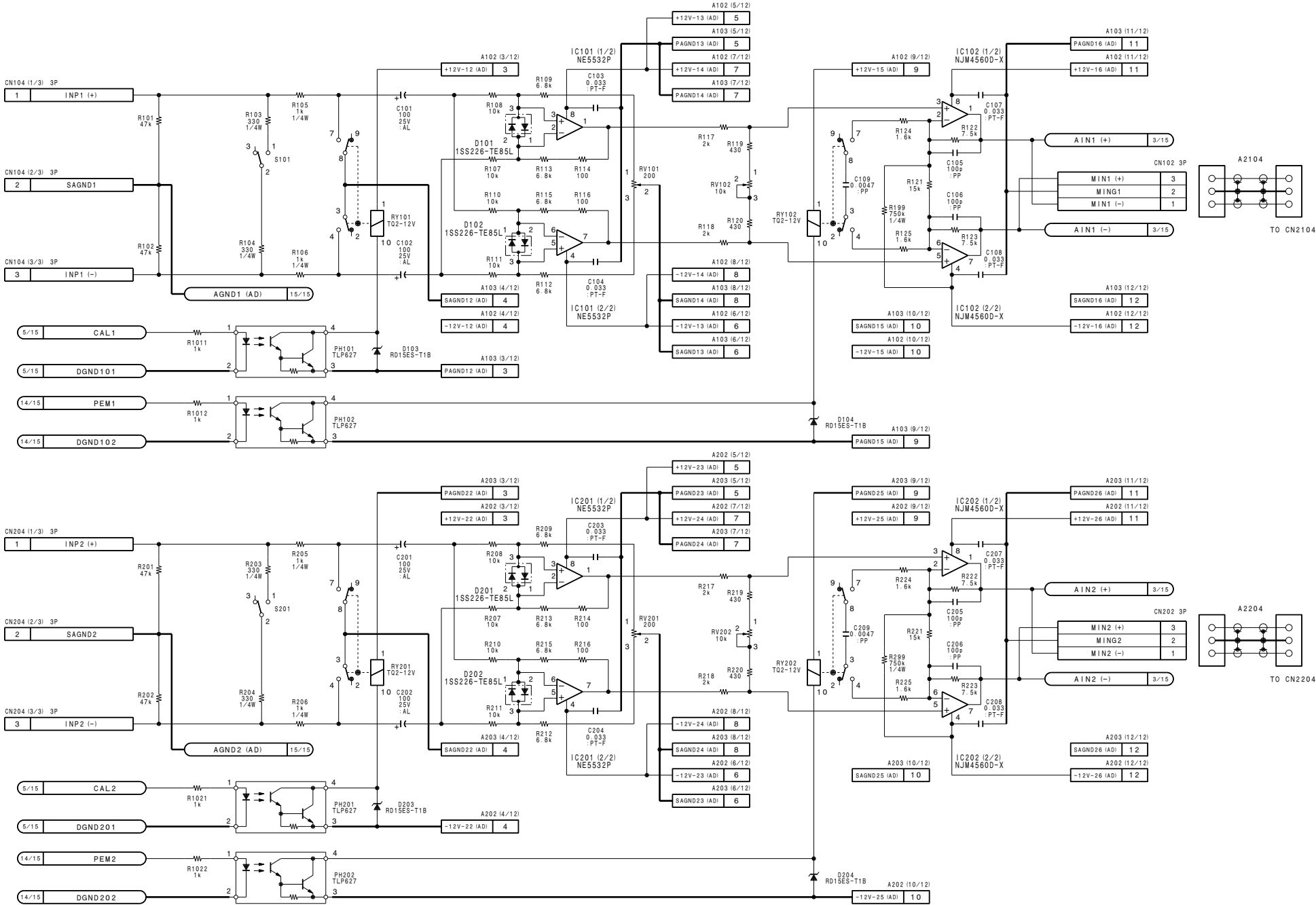
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



CTL AND CLOCK  
**CTK-15 (4/5)**  
BOARD NO. 1-658-950-13  
B-¥PCM3348HR-CTK15-S/M



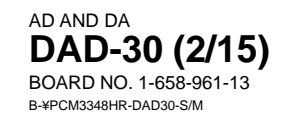
PCM-3348HR (J) : S/N 30001 and Higher  
DABK-3343HR : S/N 10001 and Higher



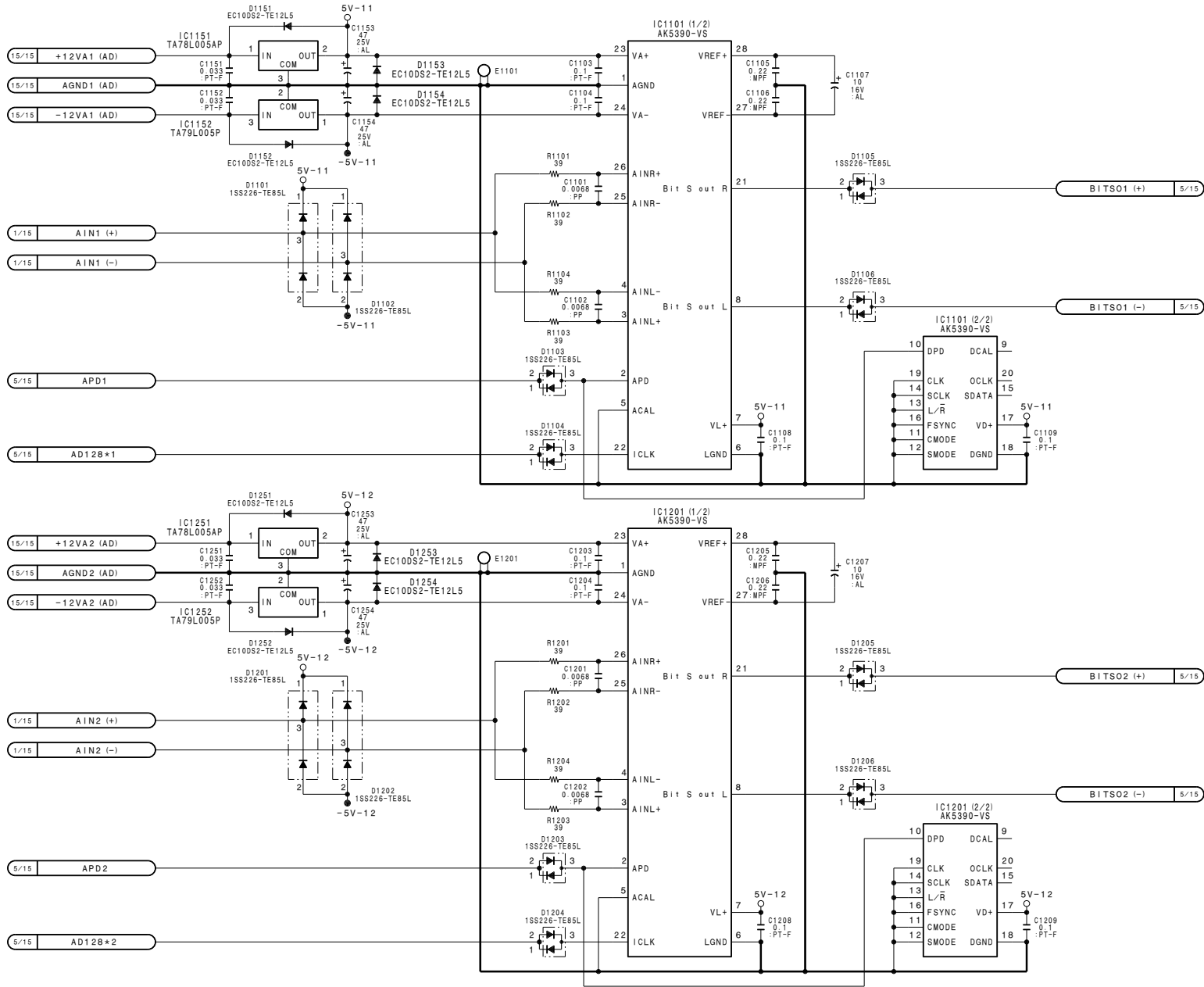
AD AND DA  
**DAD-30 (1/15)**  
BOARD NO. 1-658-961-13  
B-WPCM3348HR-DAD30-S/M



PCM-3348HR

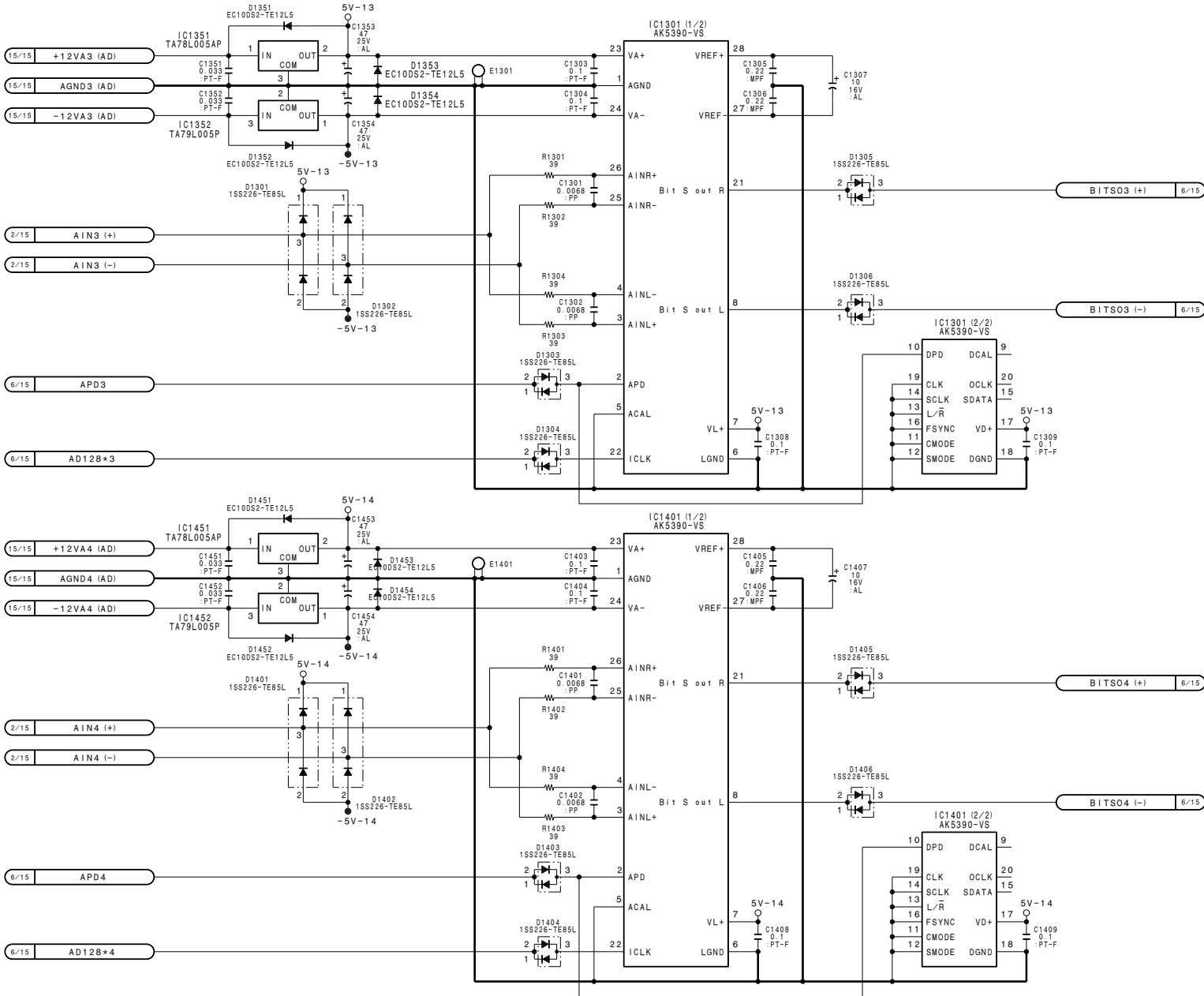


PCM-3348HR (J) : S/N 30001 and Higher  
DABK-3343HR : S/N 10001 and Higher



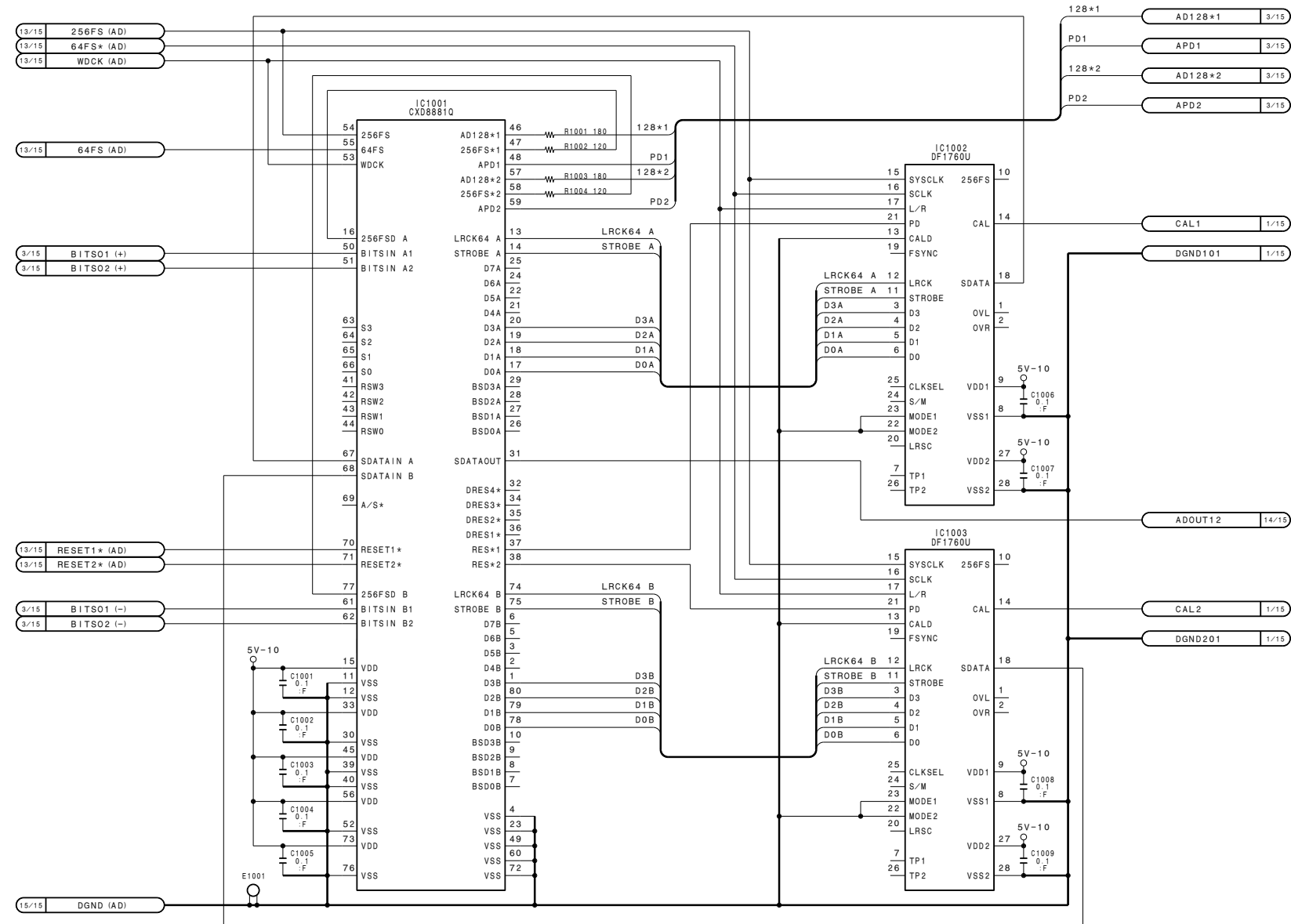
AD AND DA  
**DAD-30 (3/15)**  
BOARD NO. 1-658-961-13  
B-WPCM3348HR-DAD30-S/M

PCM-3348HR (J) : S/N 30001 and Higher  
DABK-3343HR : S/N 10001 and Higher



AD AND DA  
**DAD-30 (4/15)**  
BOARD NO. 1-658-961-13  
B-WPCM3348HR-DAD30-S/M

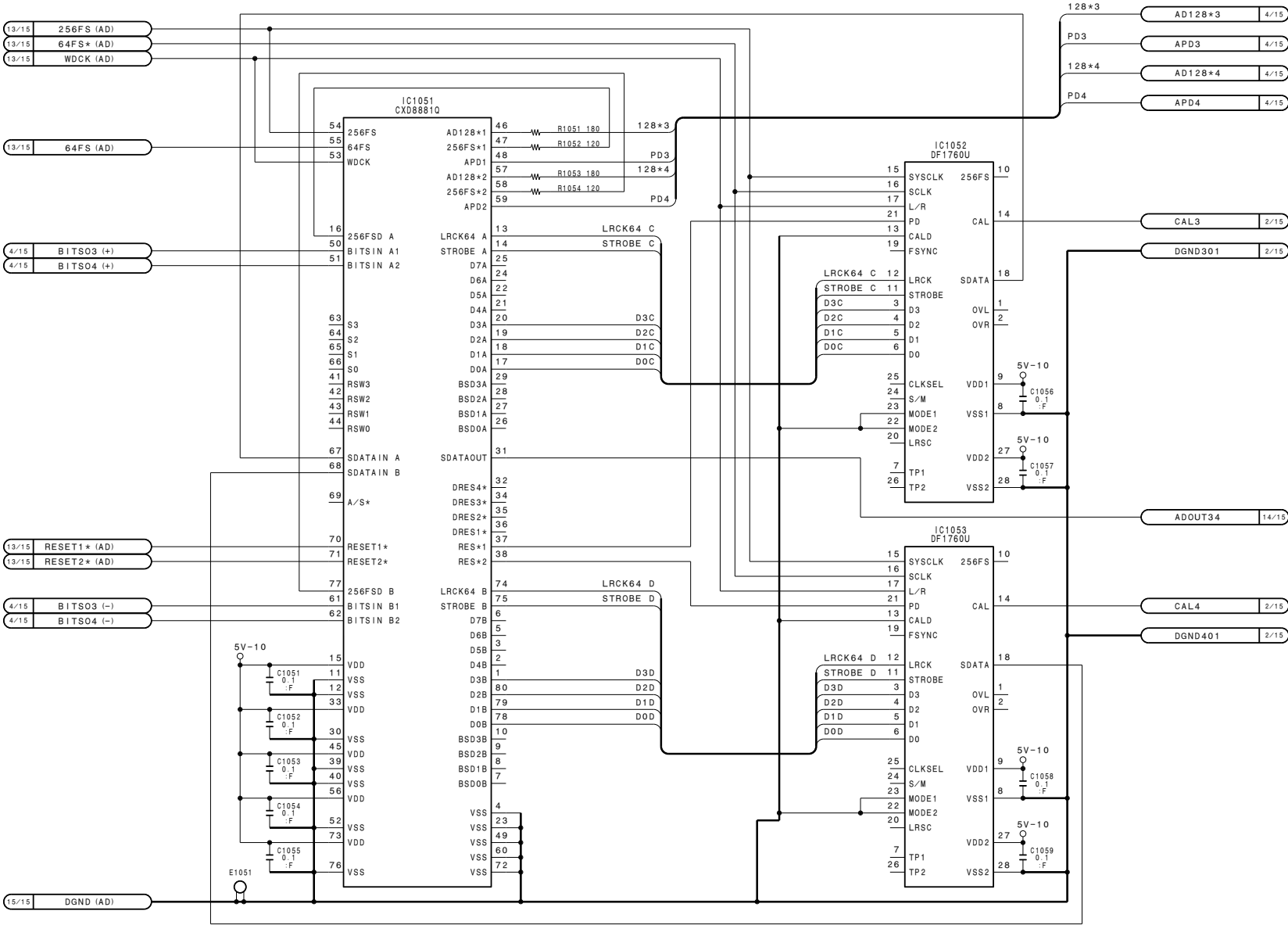
PCM-3348HR (J) : S/N 30001 and Higher  
DABK-3343HR : S/N 10001 and Higher



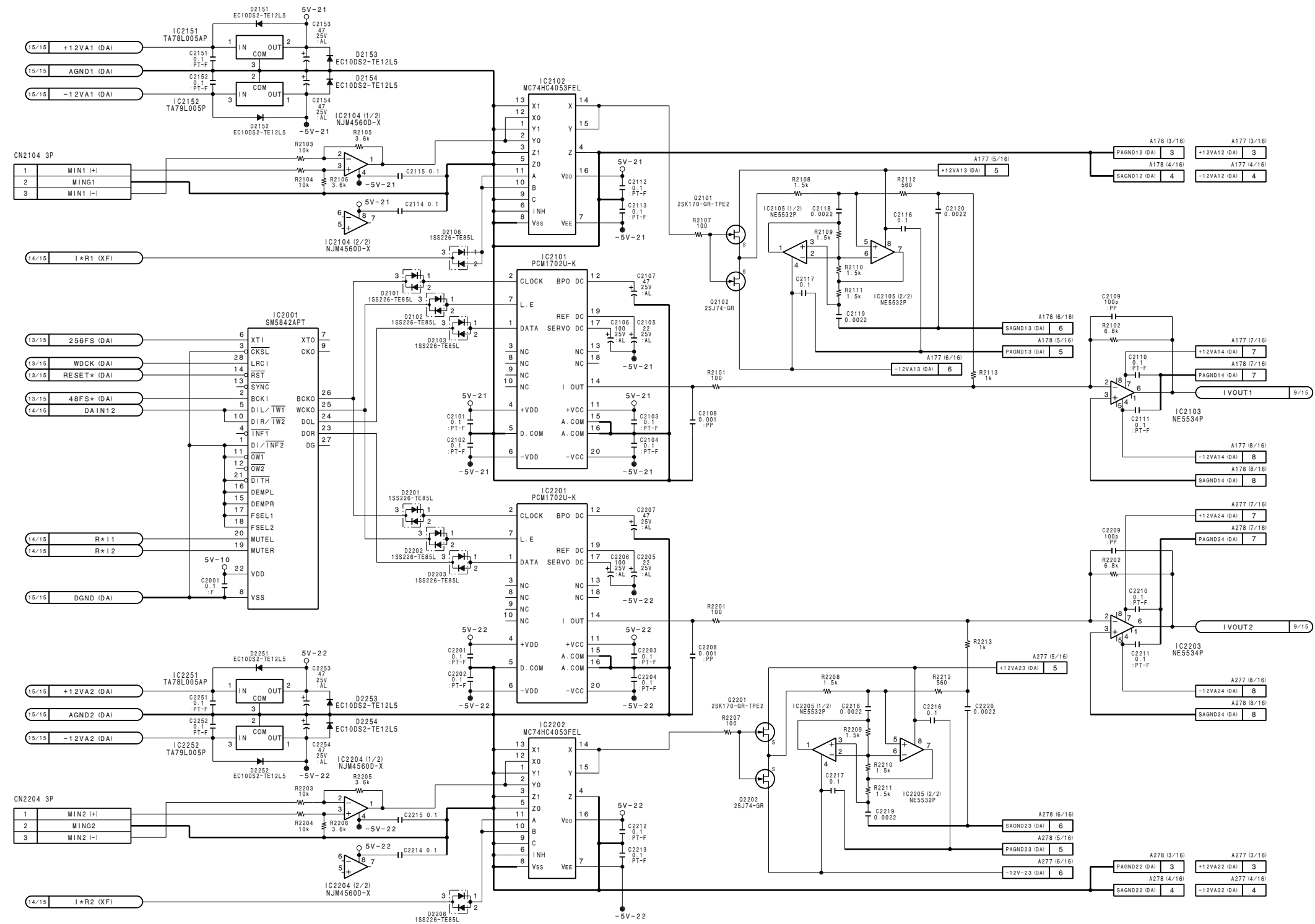
AD AND DA  
**DAD-30 (5/15)**  
BOARD NO. 1-658-961-13  
B-YPCM3348HR-DAD30-S/M



PCM-3348HR (J) : S/N 30001 and Higher  
DABK-3343HR : S/N 10001 and Higher

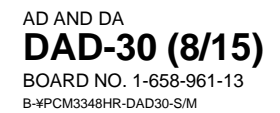


**PCM-3348HR (J) : S/N 30001 and Higher**  
**DABK-3343HR : S/N 10001 and Higher**

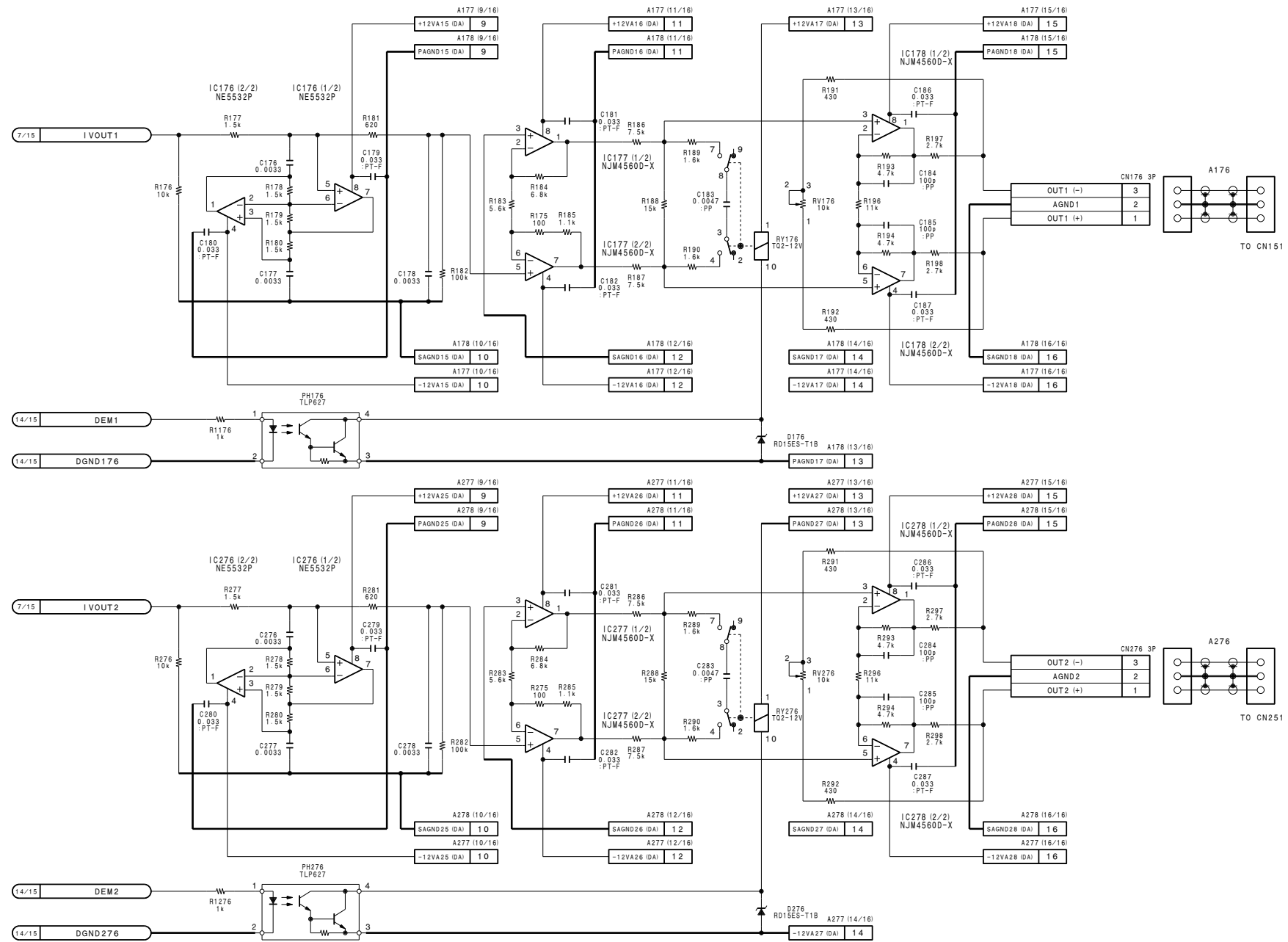


AD AND DA  
**DAD-30 (7/15)**  
BOARD NO. 1-658-961-13  
B-¥PCM3348HR-DAD30-S/M

PCM-3348HR



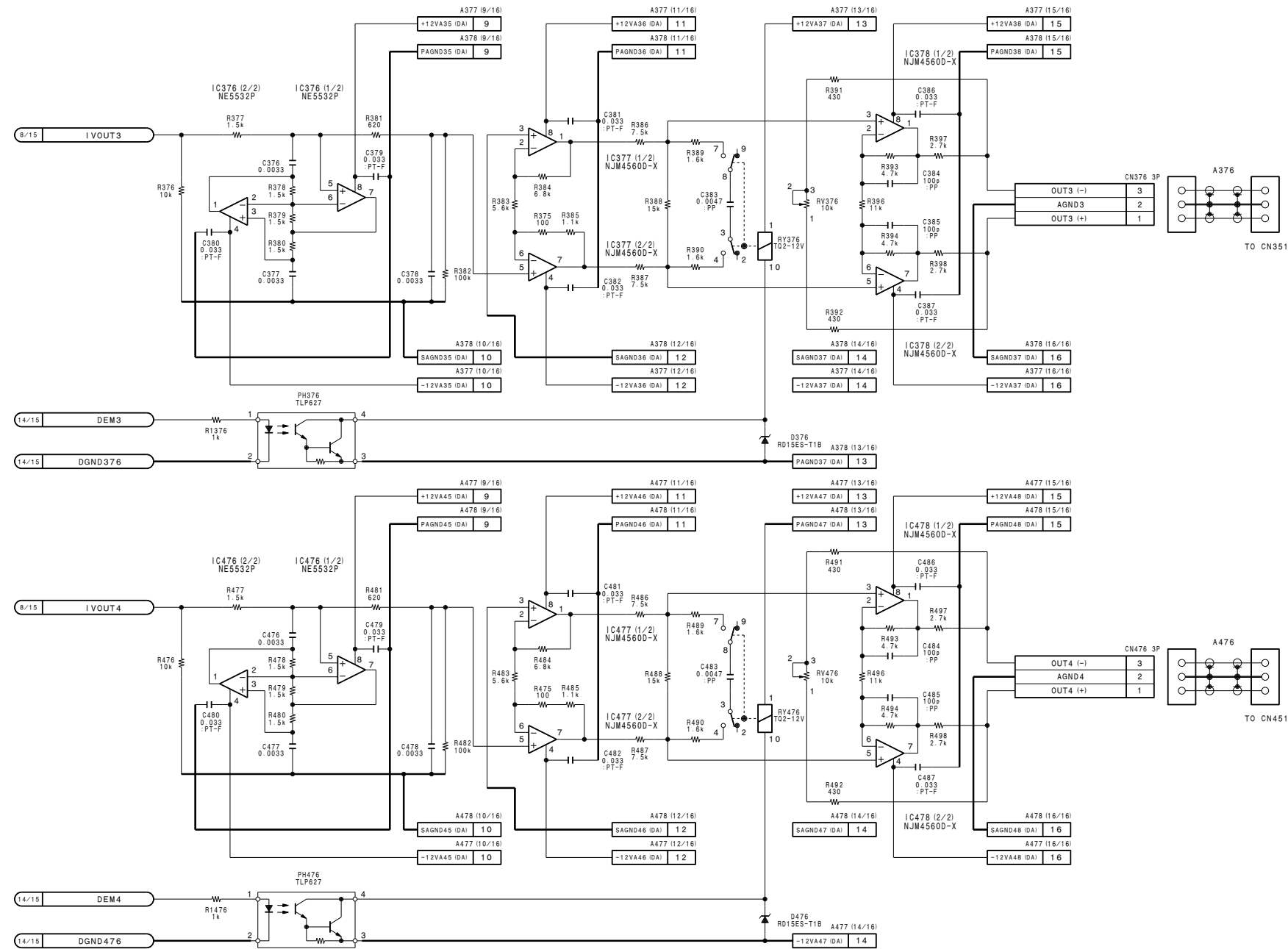
PCM-3348HR (J) : S/N 30001 and Higher  
DABK-3343HR : S/N 10001 and Higher



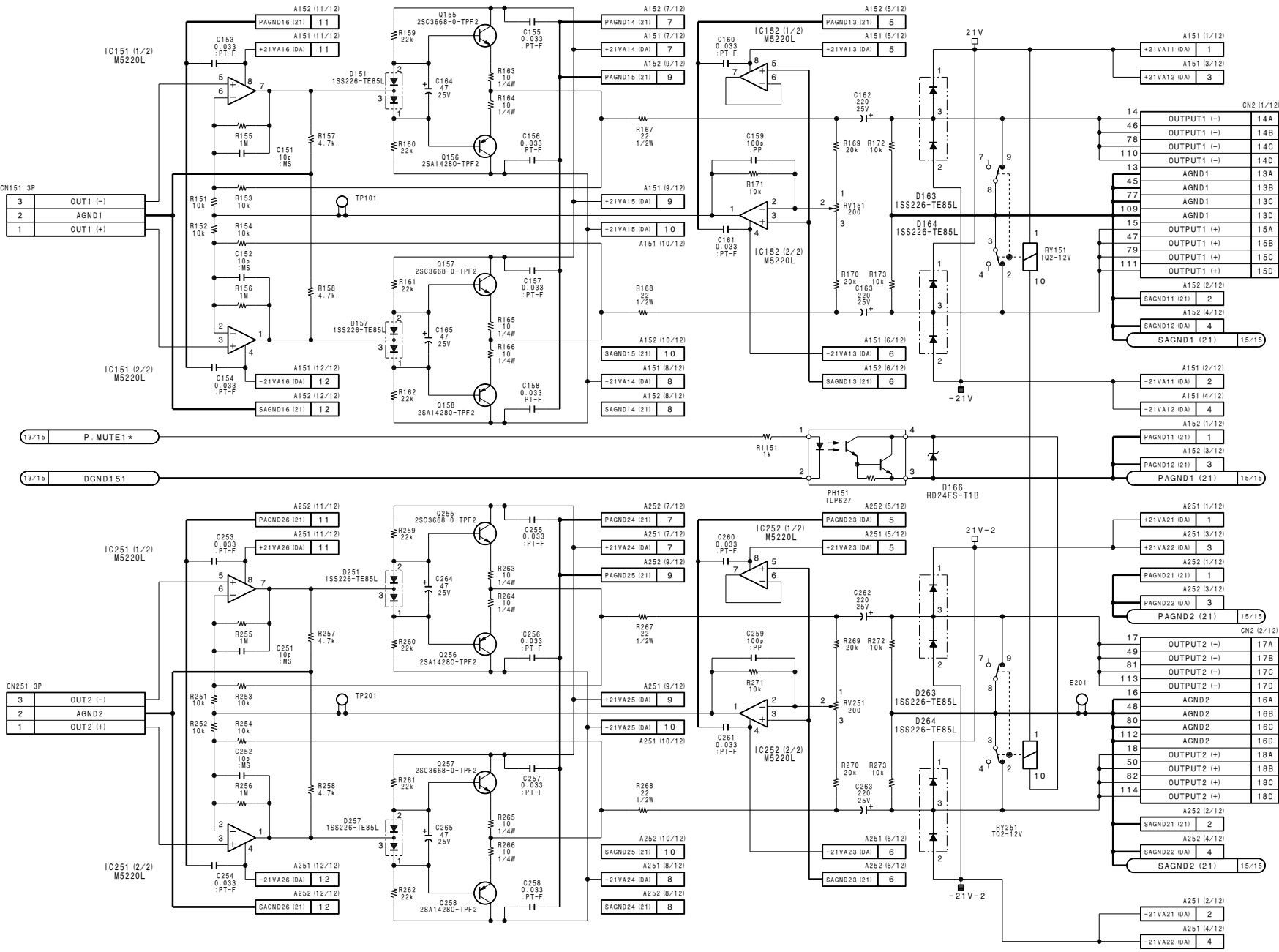
AD AND DA  
**DAD-30 (9/15)**  
BOARD NO. 1-658-961-13  
B-YPCM3348HR-DAD30-S/M



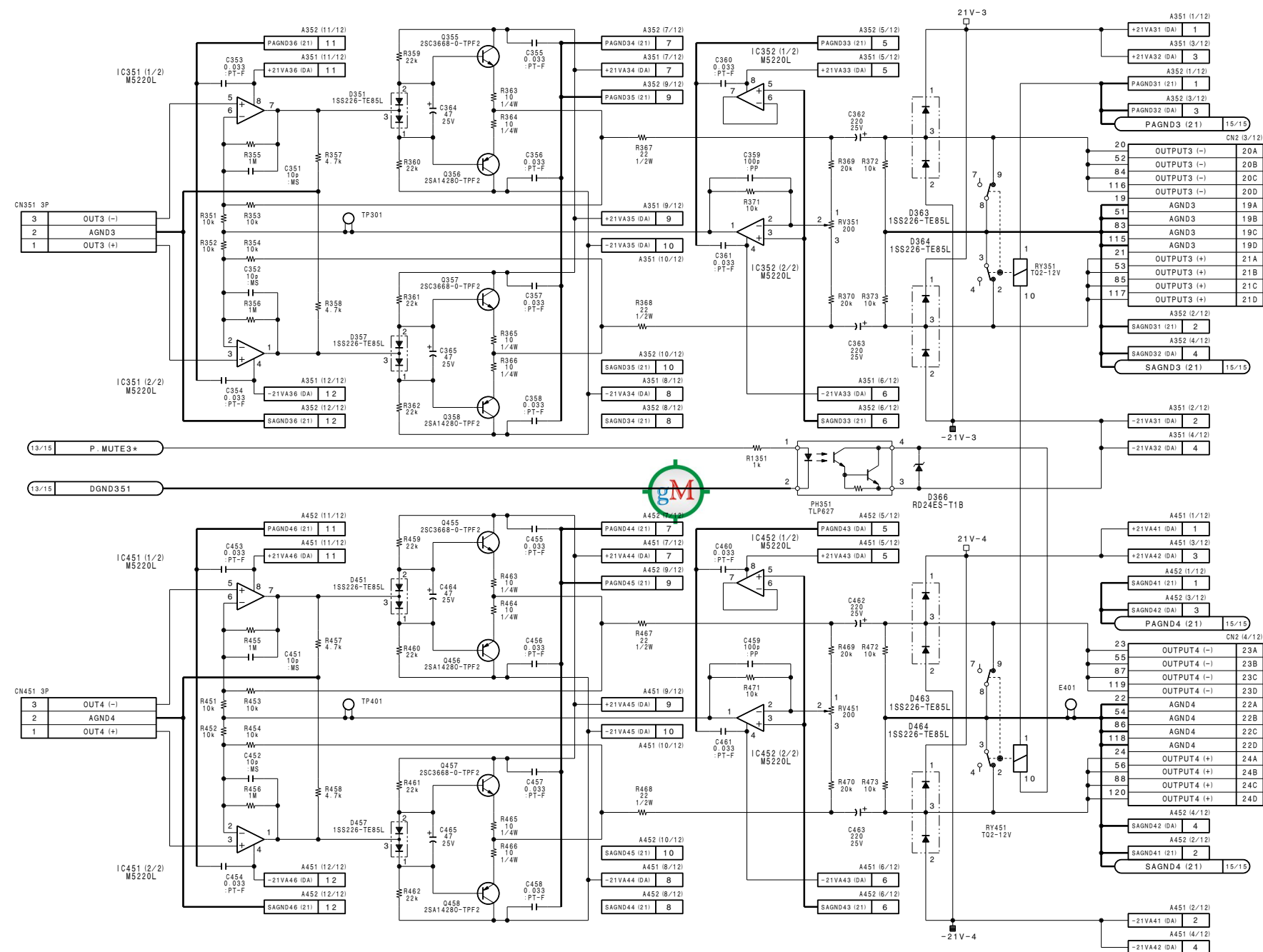
PCM-3348HR (J) : S/N 30001 and Higher  
DABK-3343HR : S/N 10001 and Higher



PCM-3348HR (J) : S/N 30001 and Higher  
DABK-3343HR : S/N 10001 and Higher

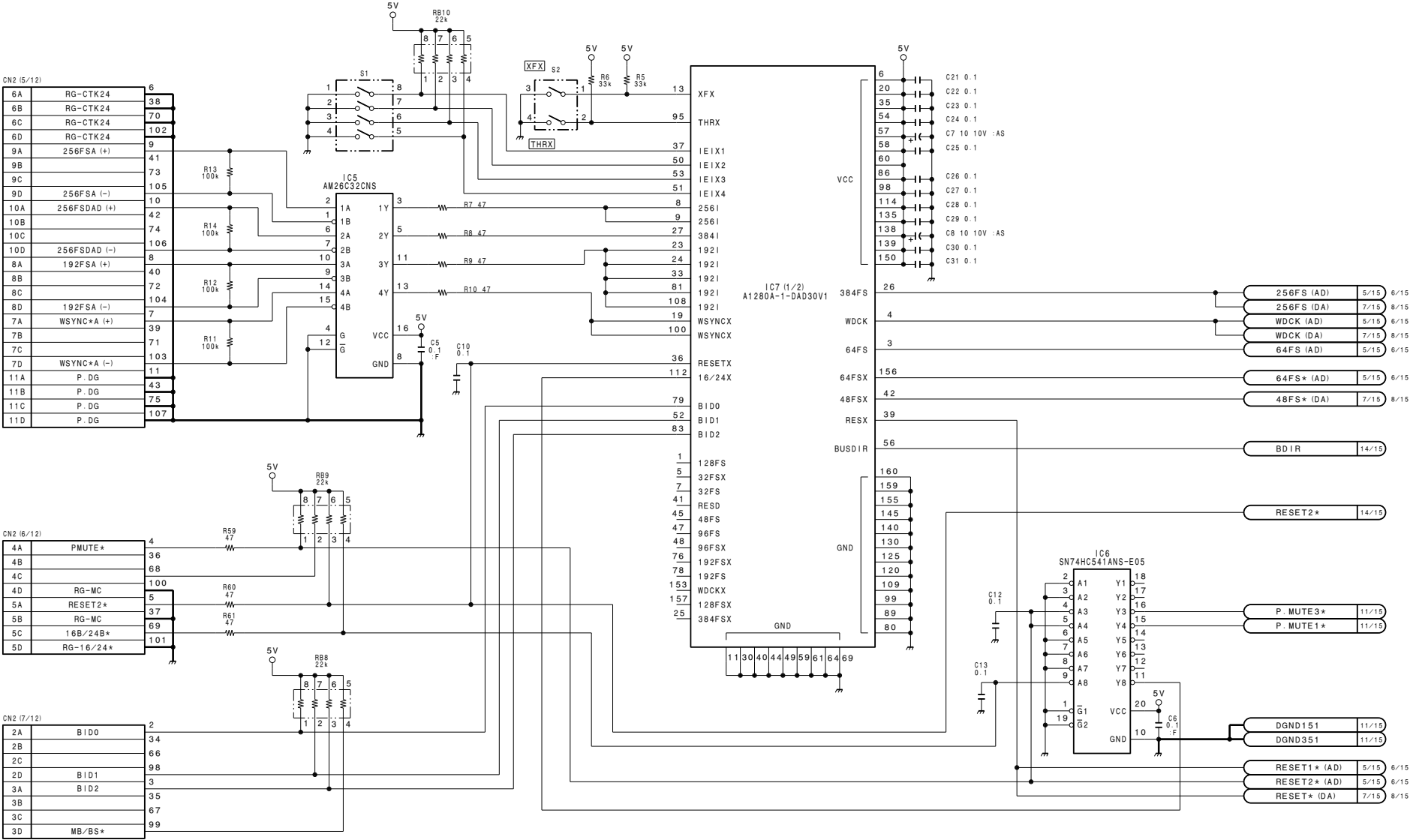


PCM-3348HR (J) : S/N 30001 and Higher  
DABK-3343HR : S/N 10001 and Higher



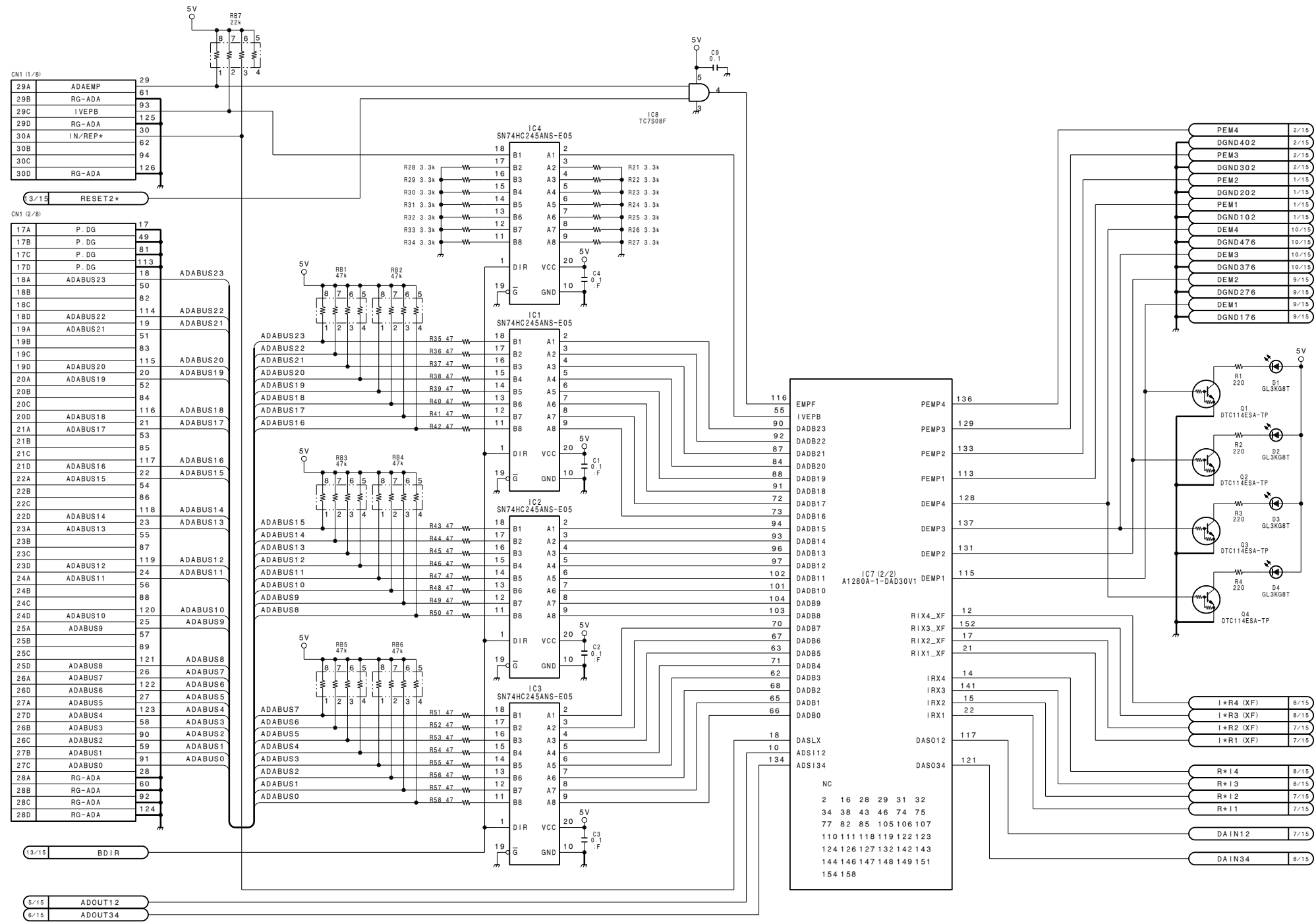
AD AND DA  
**DAD-30 (12/15)**  
BOARD NO. 1-658-961-13  
B-WPCM3348HR-DAD30-S/M

PCM-3348HR (J) : S/N 30001 and Higher  
DABK-3343HR : S/N 10001 and Higher



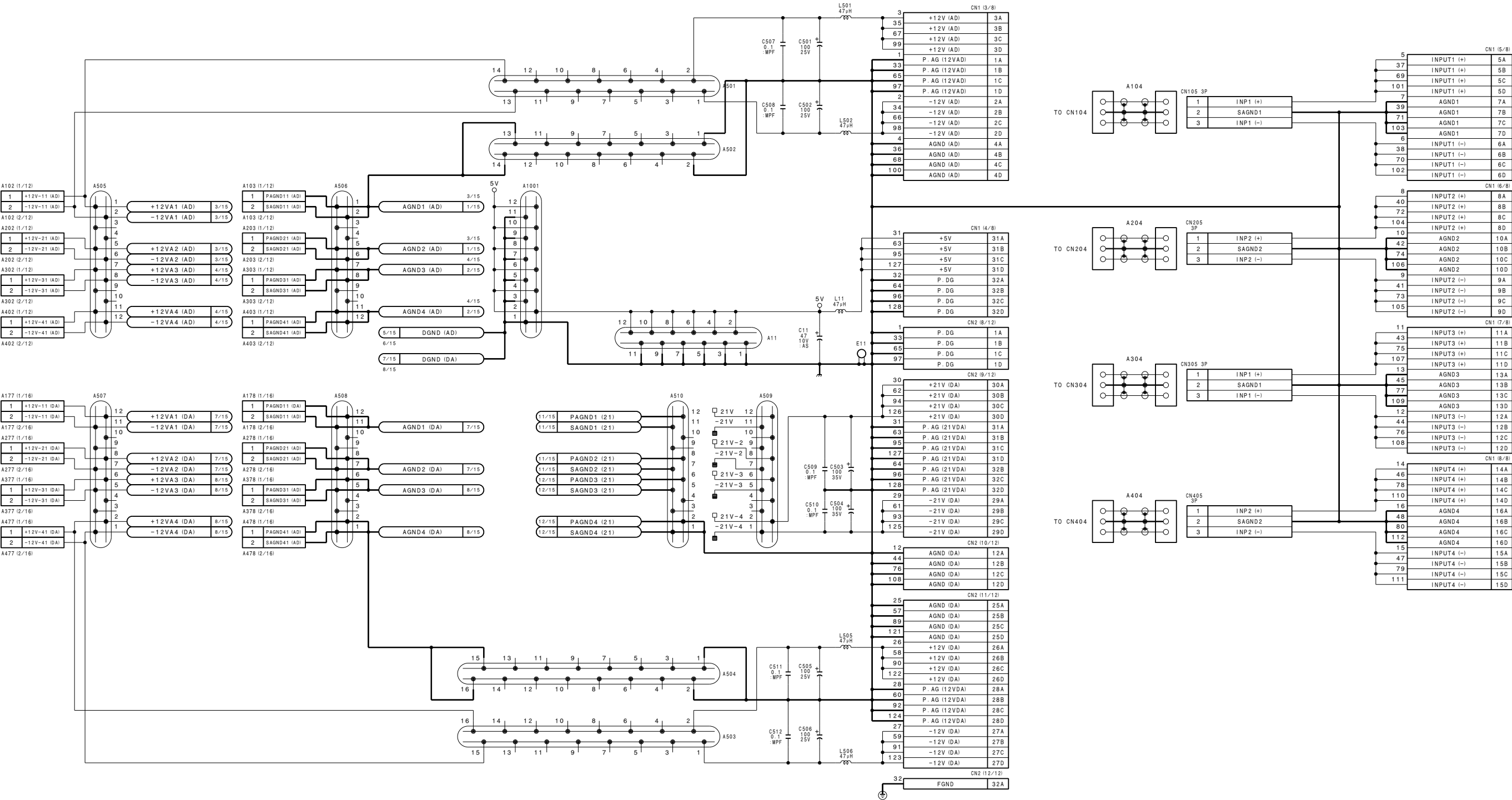
AD AND DA  
**DAD-30 (13/15)**  
BOARD NO. 1-658-961-13  
B-PCM3348HR-DAD30-S/M

PCM-3348HR (J) : S/N 30001 and Higher  
DABK-3343HR : S/N 10001 and Higher

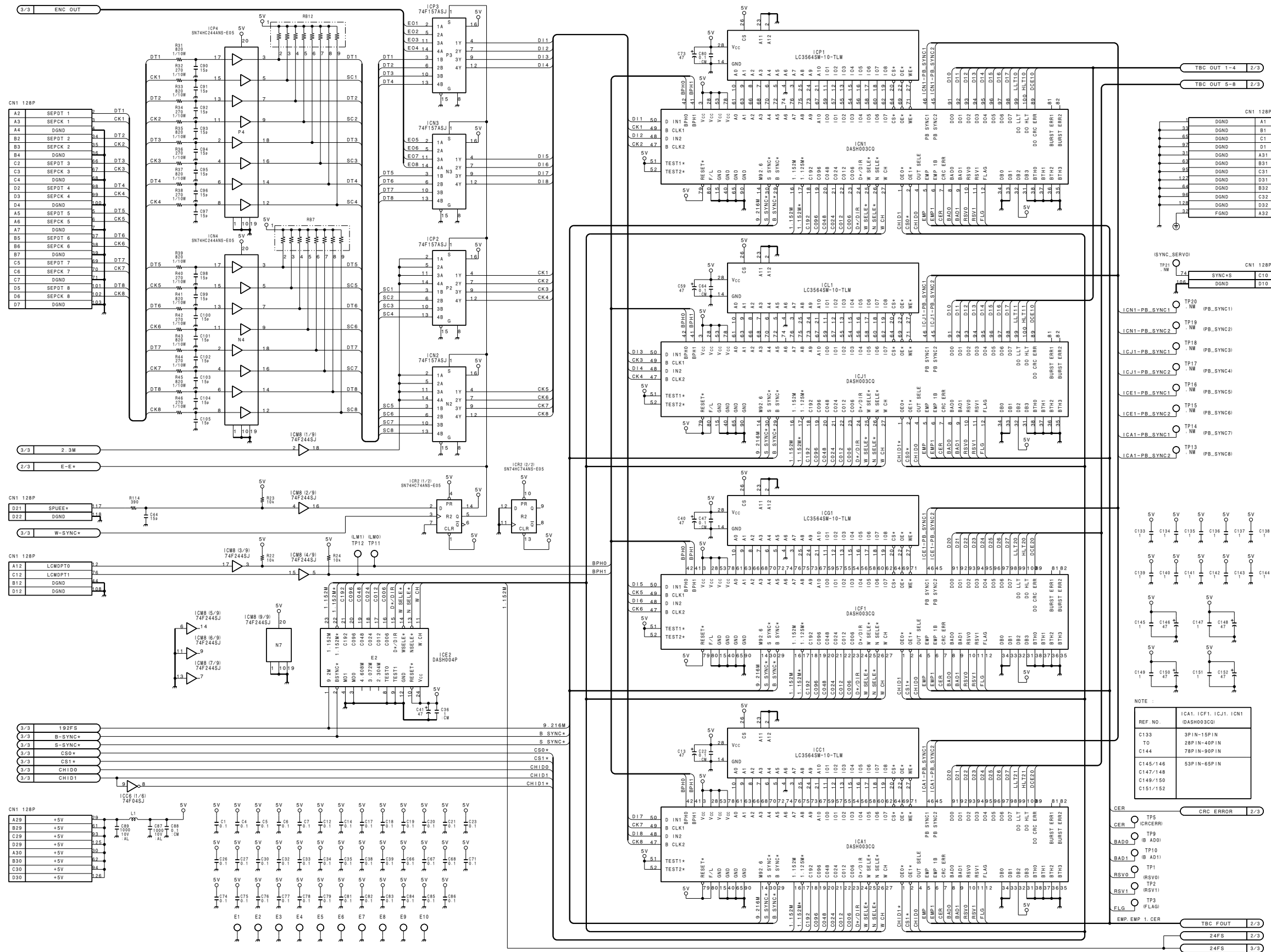




PCM-3348HR (J) : S/N 30001 and Higher  
DABK-3343HR : S/N 10001 and Higher



AD AND DA  
**DAD-30 (15/15)**  
BOARD NO. 1-658-961-13  
B-PCM3348HR-DAD30-S/M



DIGITAL AUDIO SIGNAL PROCESSING  
**DAP-14 (1/3)**  
BOARD NO. 1-663-800-13  
B-YPCM3348HR-DAP14-S/M

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

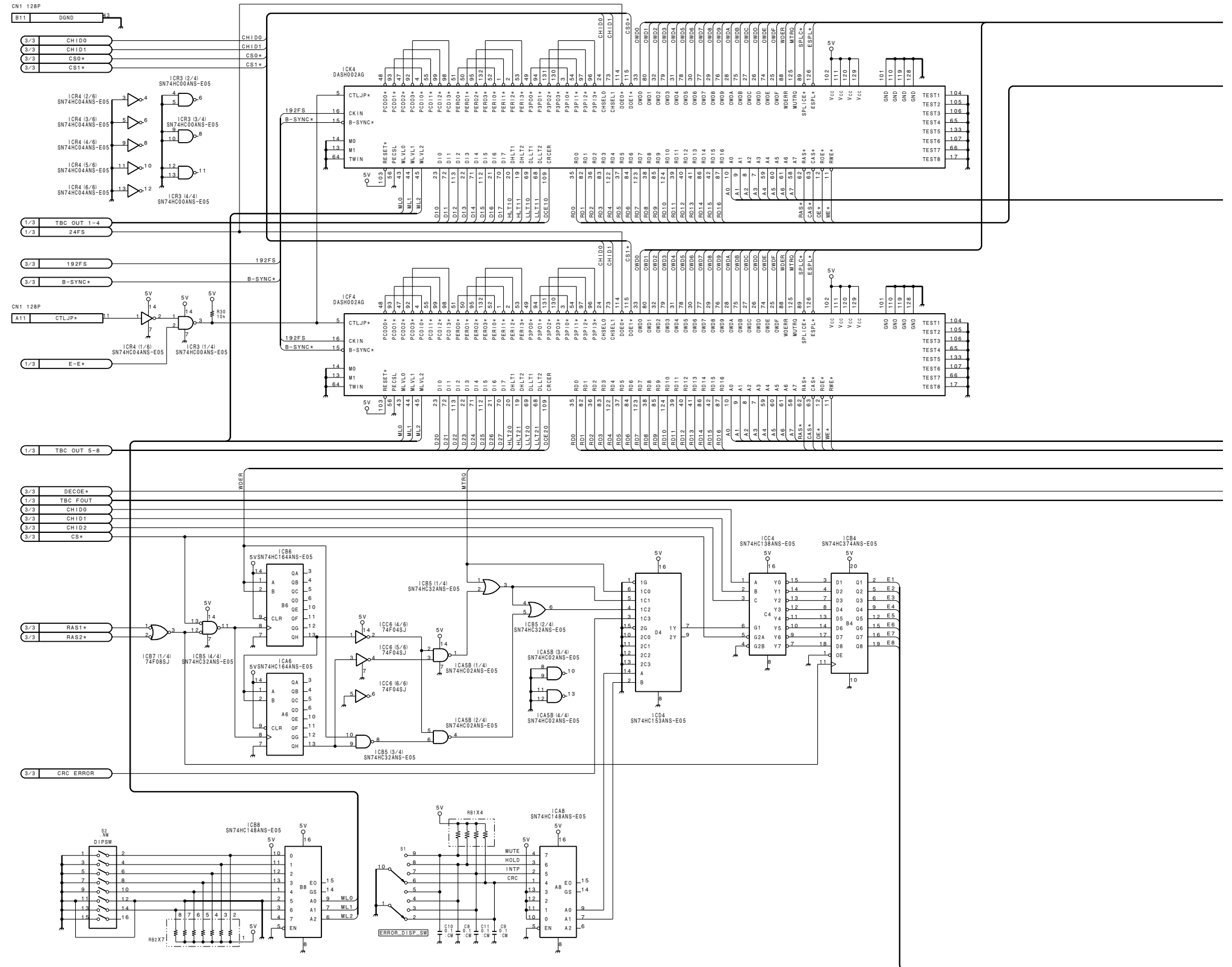
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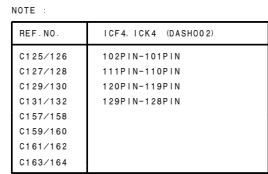
**2**

3

4

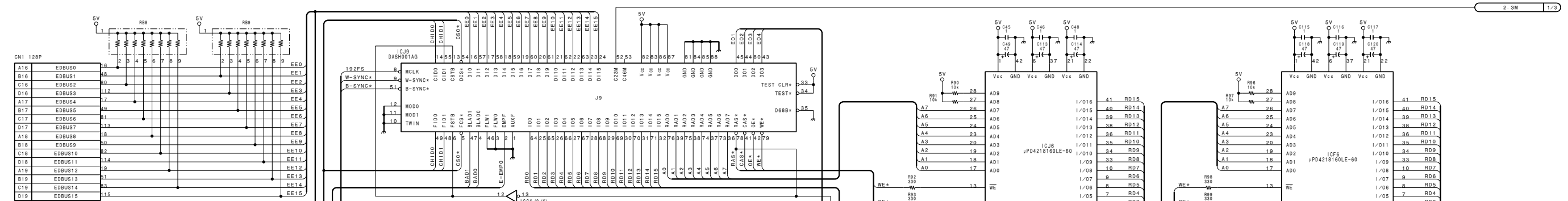
**5**



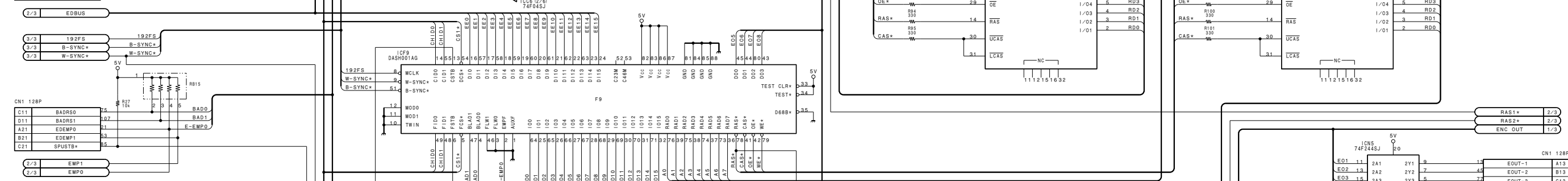


PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

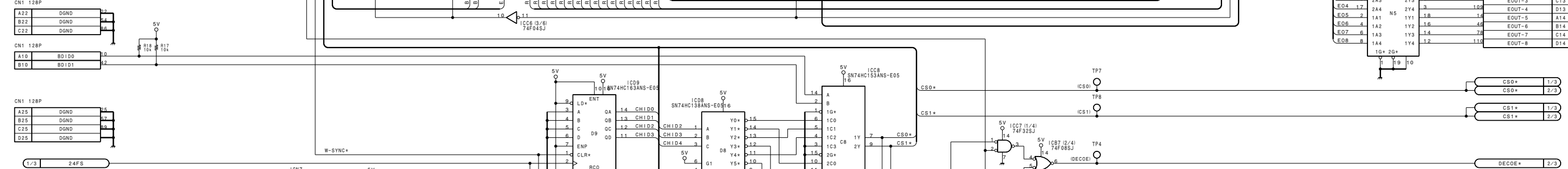
1



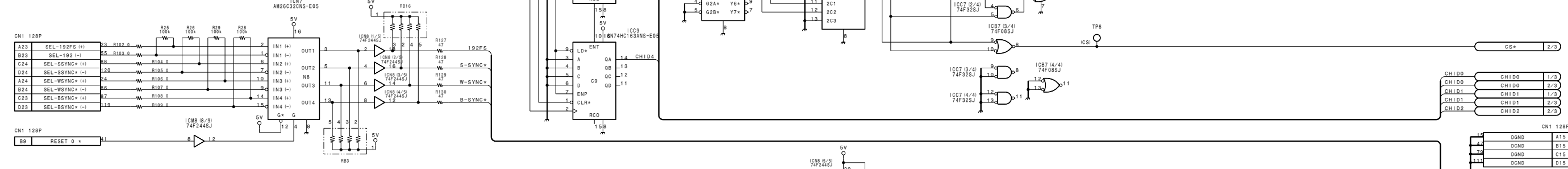
2



3



4



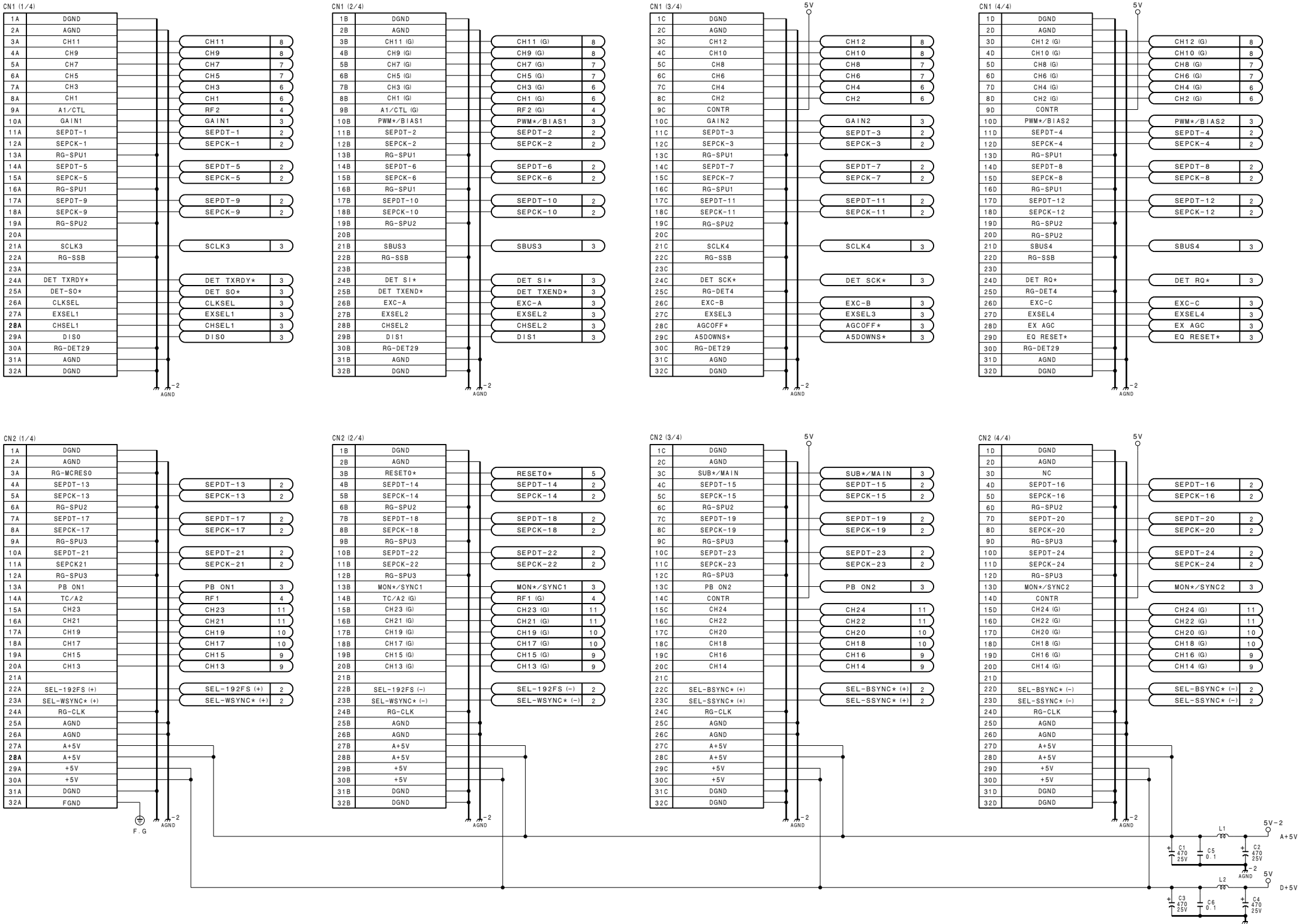
5



DIGITAL AUDIO SIGNAL PROCESSING  
**DAP-14 (3/3)**  
BOARD NO. 1-663-800-13  
B-PCM3348HR-DAP14-S/M



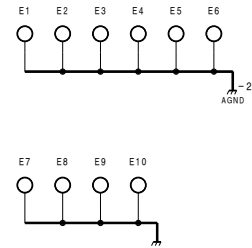
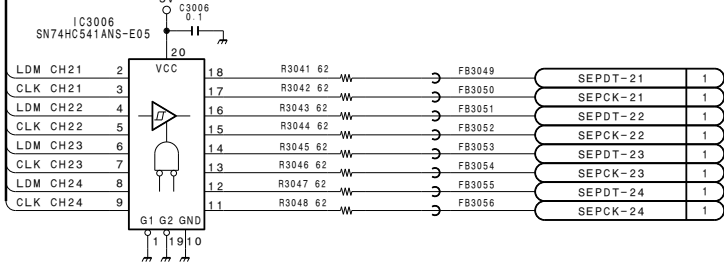
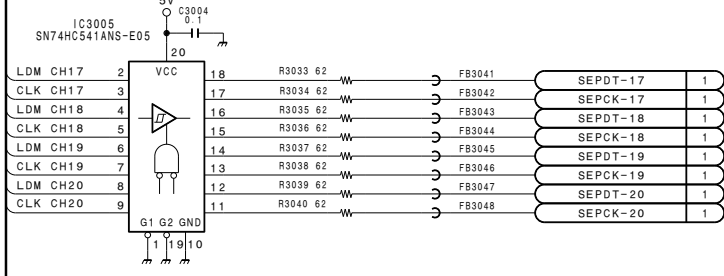
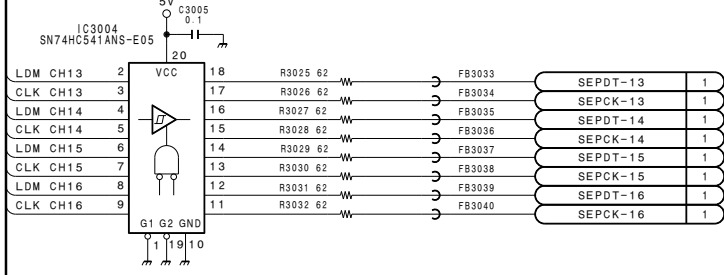
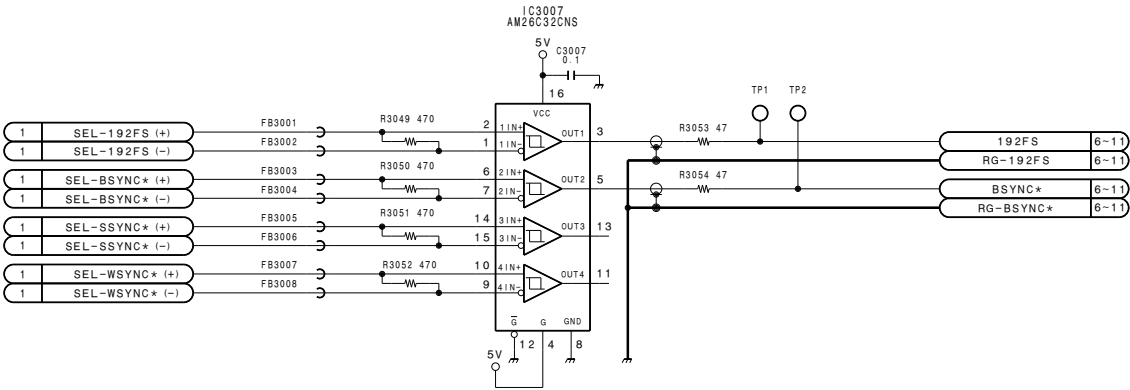
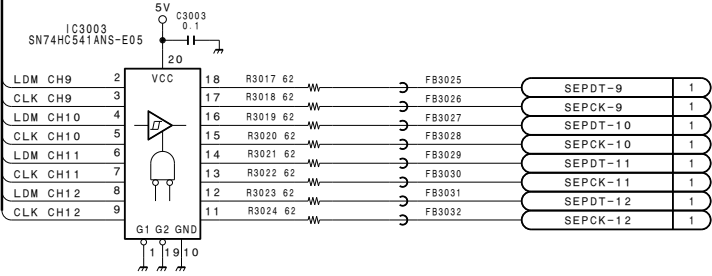
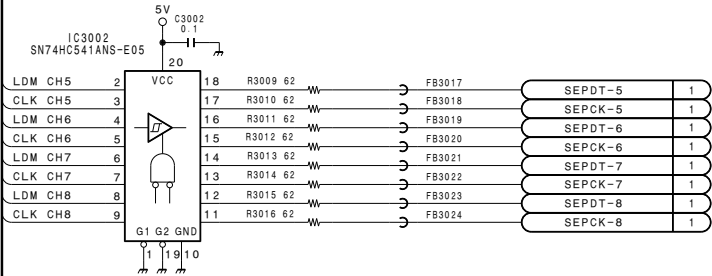
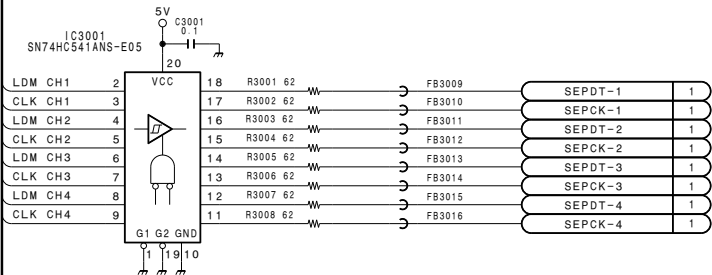
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



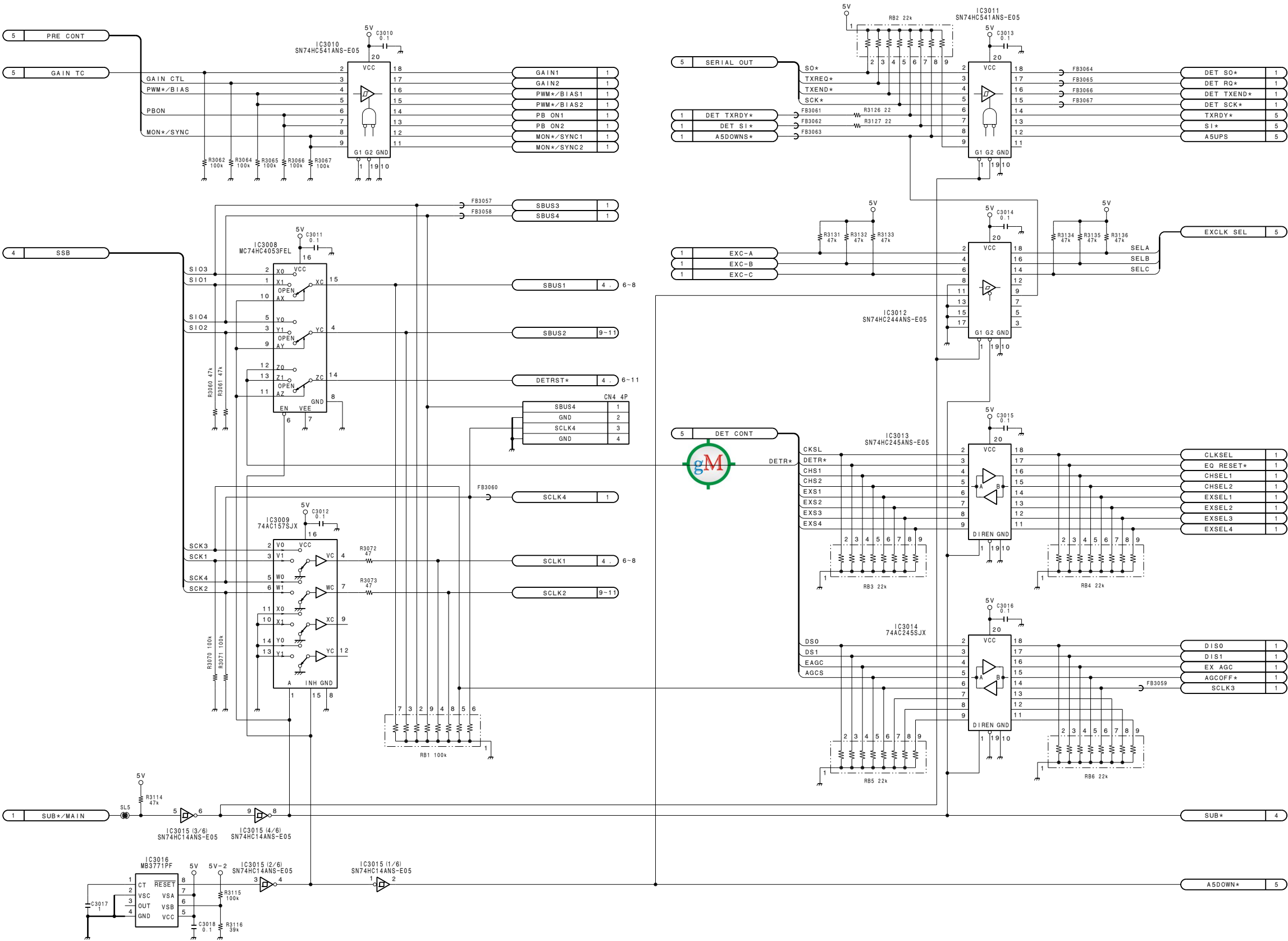
DETECTOR  
**DET-28 (1/11)**  
BOARD NO. 1-658-945-12  
B-PCM3348HR-DET28-S/M

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

6 SEP

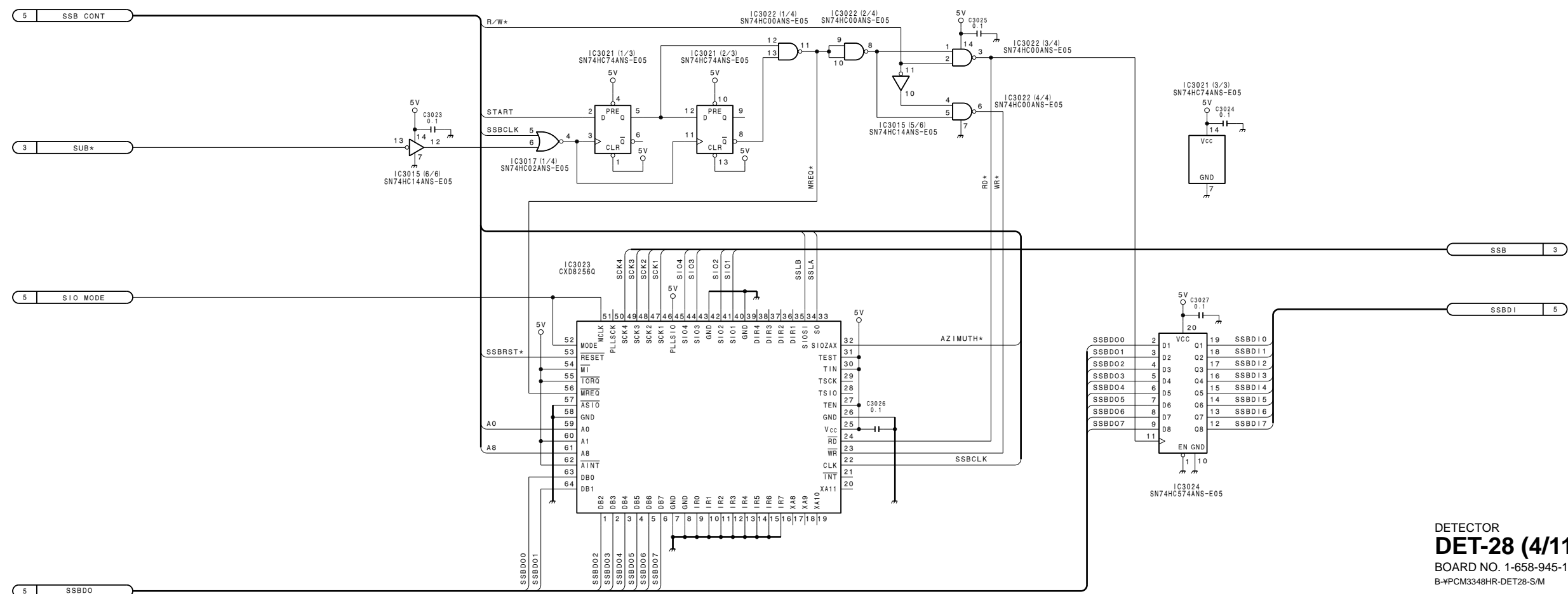
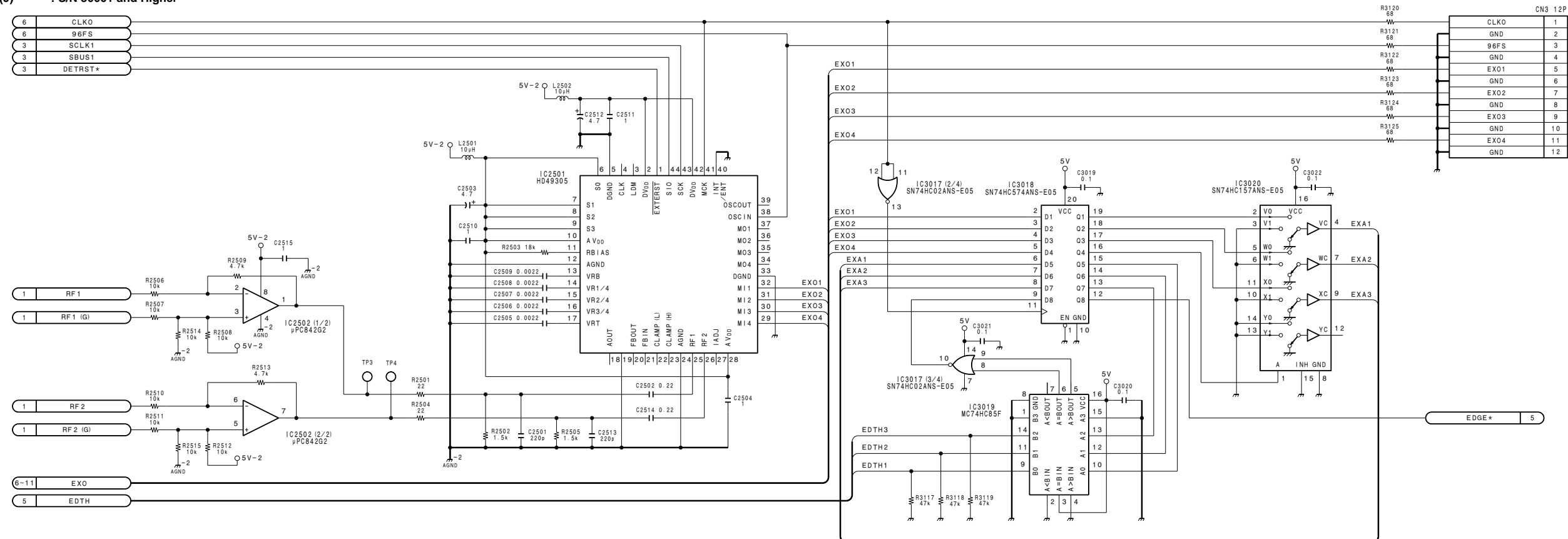


PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



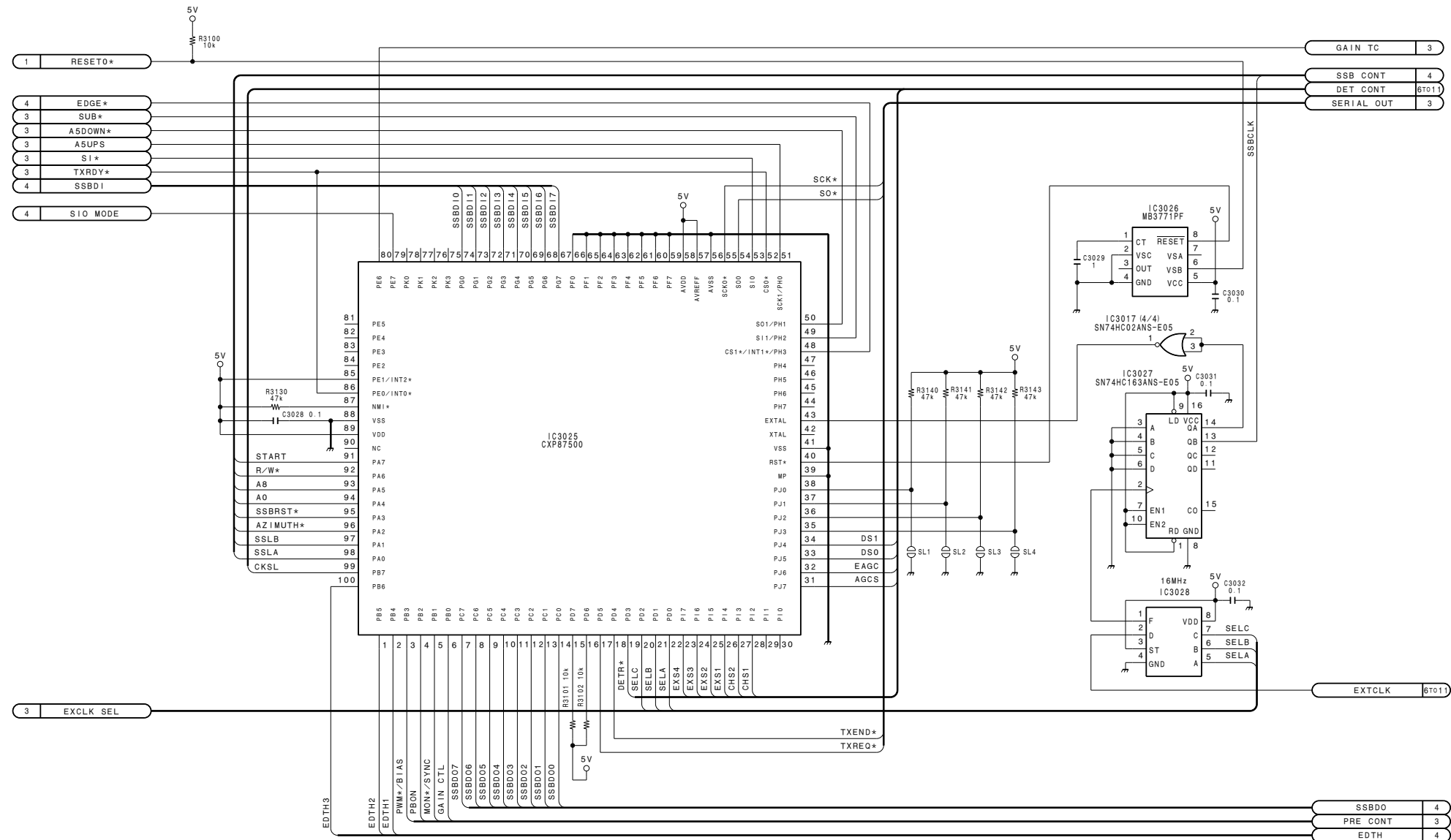
DETECTOR  
**DET-28 (3/11)**  
BOARD NO. 1-658-945-12  
B-PCM3348HR-DET28-S/M

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



DETECTOR  
**DET-28 (4/11)**  
BOARD NO. 1-658-945-12  
B-YPCM3348HR-DET28-S/M

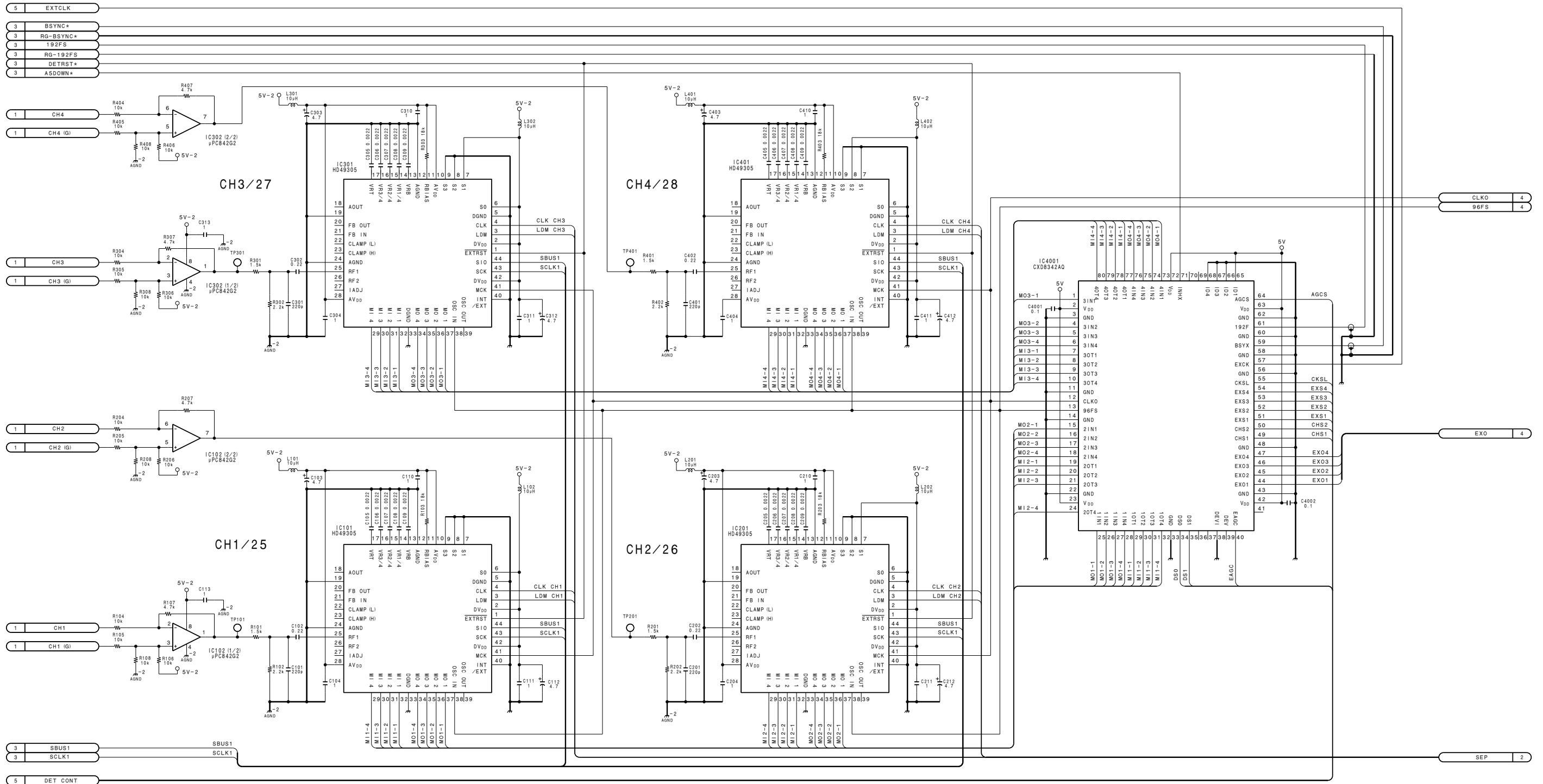
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



DETECTOR  
**DET-28 (5/11)**  
BOARD NO. 1-658-945-12  
B-¥PCM3348HR-DET28-S/M

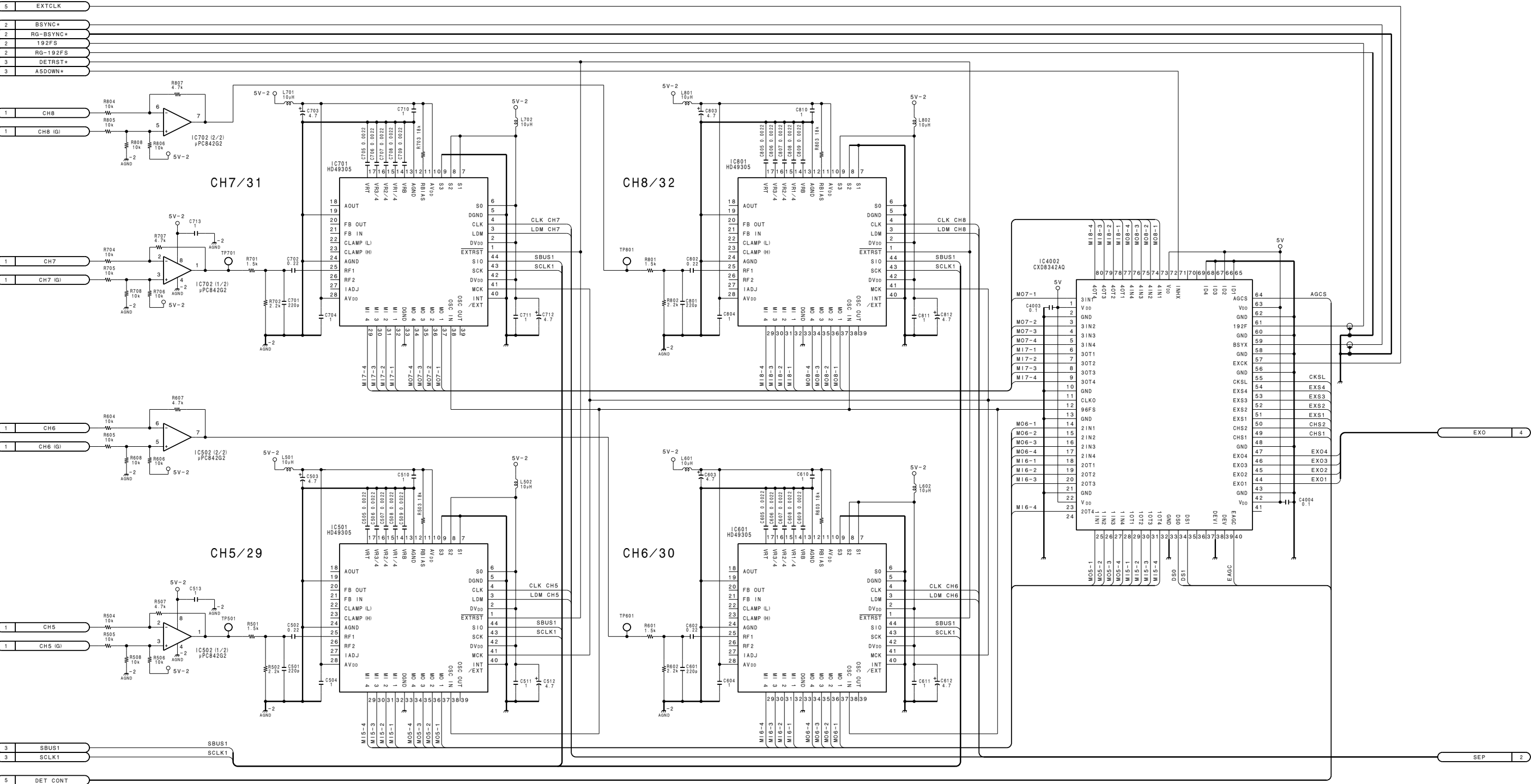


PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



DETECTOR  
**DET-28 (6/11)**  
BOARD NO. 1-658-945-12  
B-YPCM3348HR-DET28-S/M

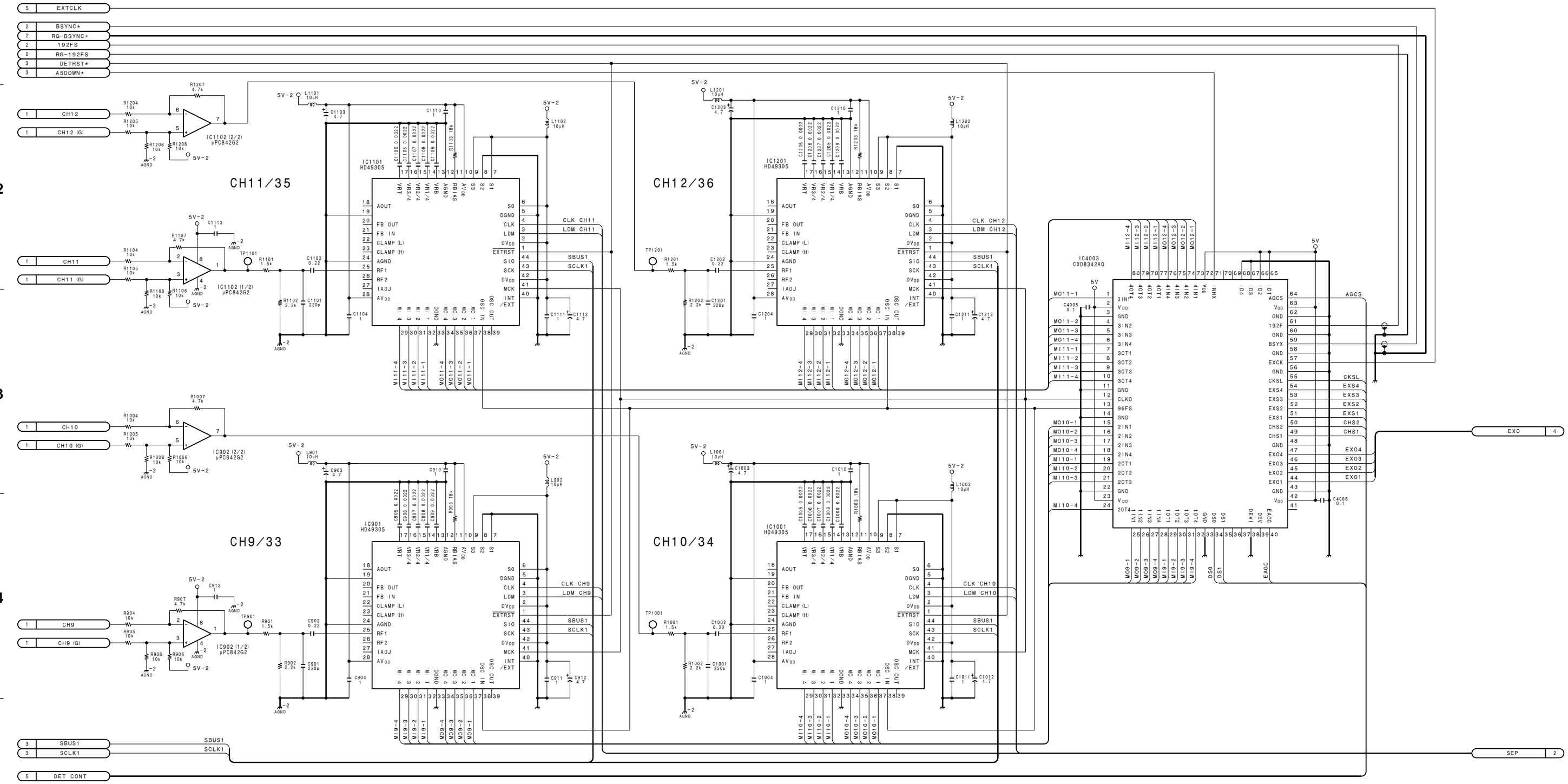
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



DETECTOR  
**DET-28 (7/11)**  
BOARD NO. 1-658-945-12  
B-PCM3348HR-DET28-S/M

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

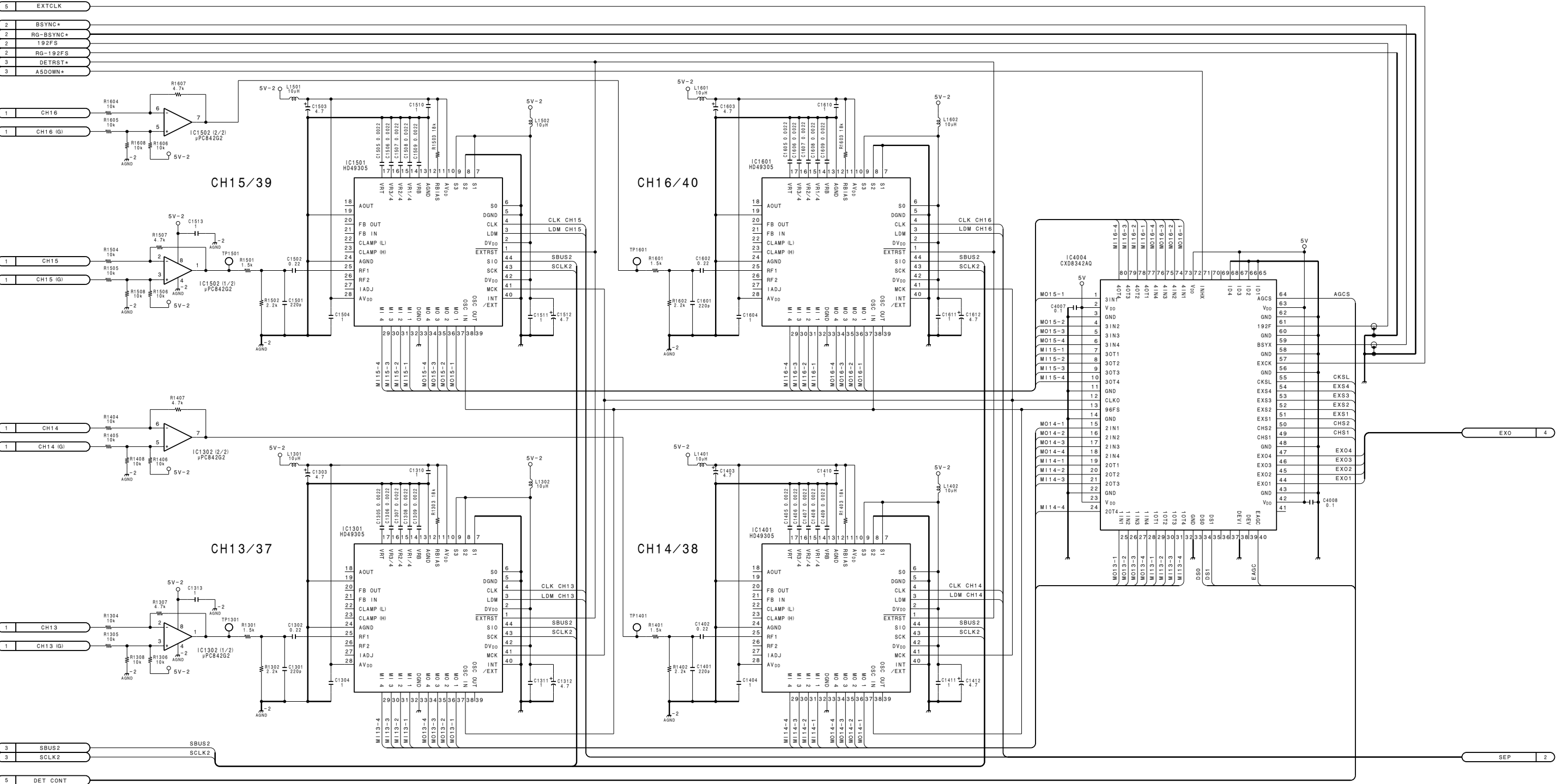
1



5

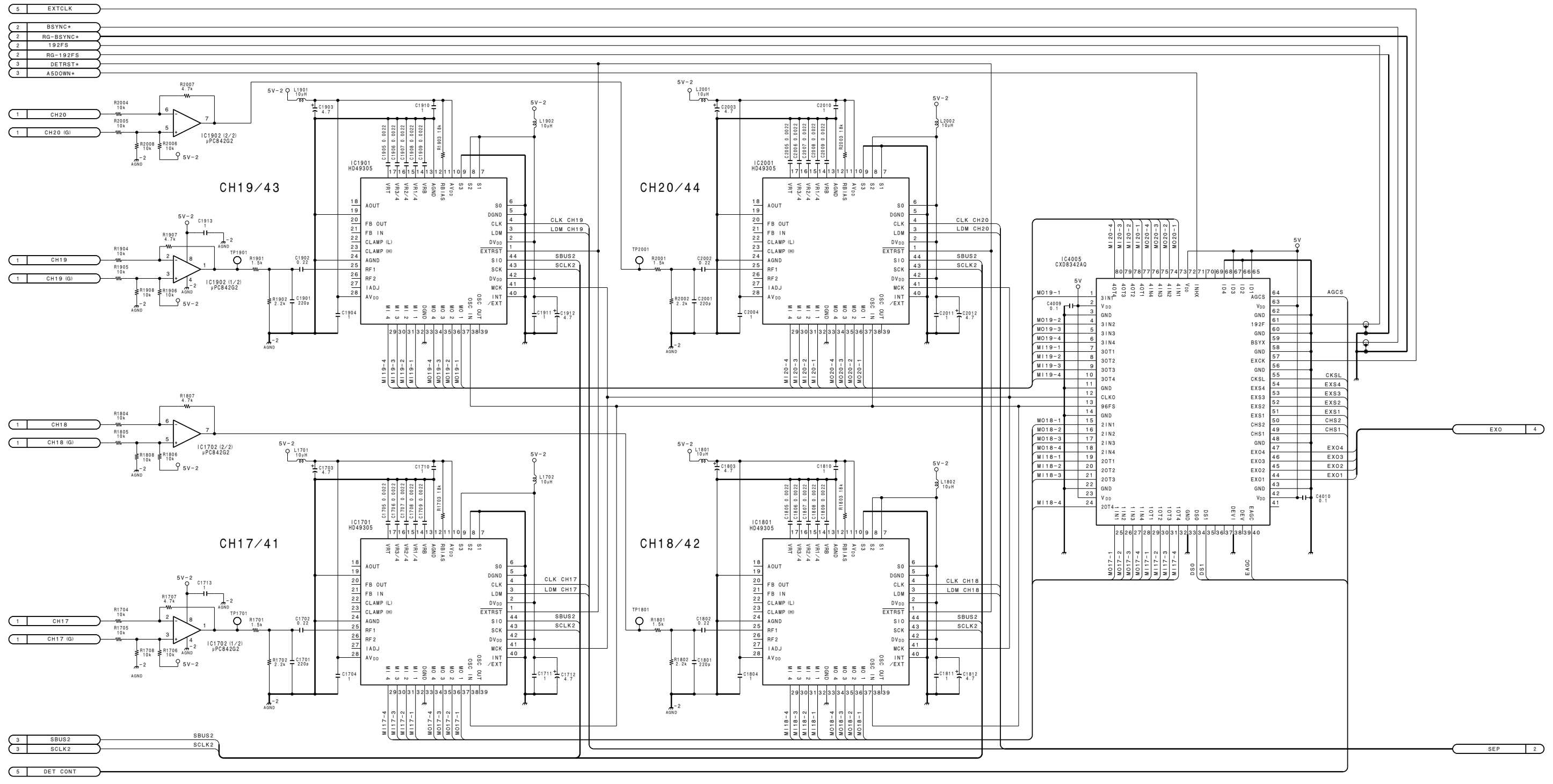
DETECTOR  
**DET-28 (8/11)**  
BOARD NO. 1-658-945-12  
B-WPCM3348HR-DET28-S/M

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



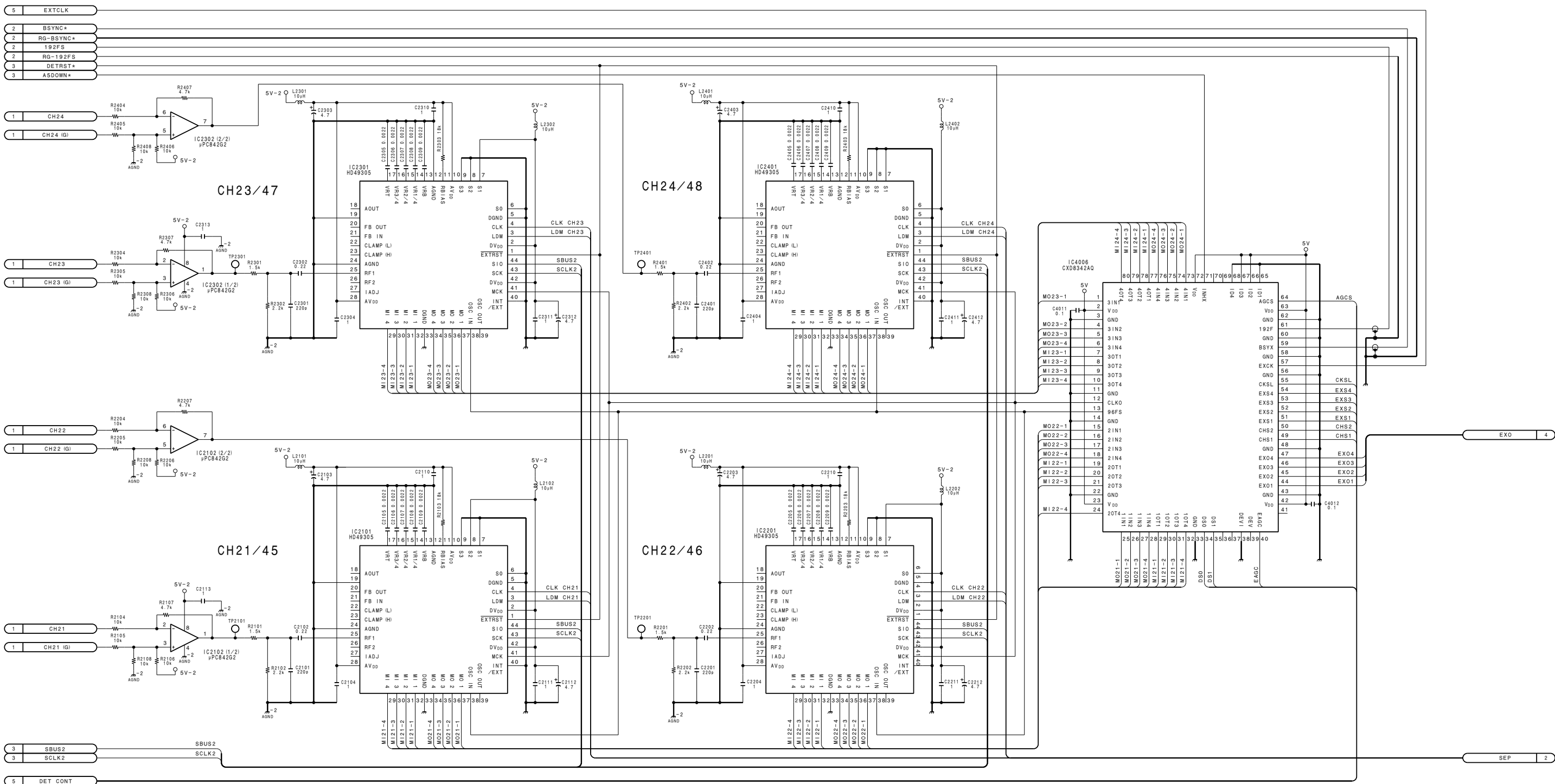
DETECTOR  
**DET-28 (9/11)**  
BOARD NO. 1-658-945-12  
B-PCM3348HR-DET28-S/M

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



DETECTOR  
**DET-28 (10/11)**  
BOARD NO. 1-658-945-12  
B-¥PCM3348HR-DET28-S/M





DETECTOR  
**DET-28 (11/11)**  
BOARD NO. 1-658-945-12  
B-¥PCM3348HR-DET28-S/M

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

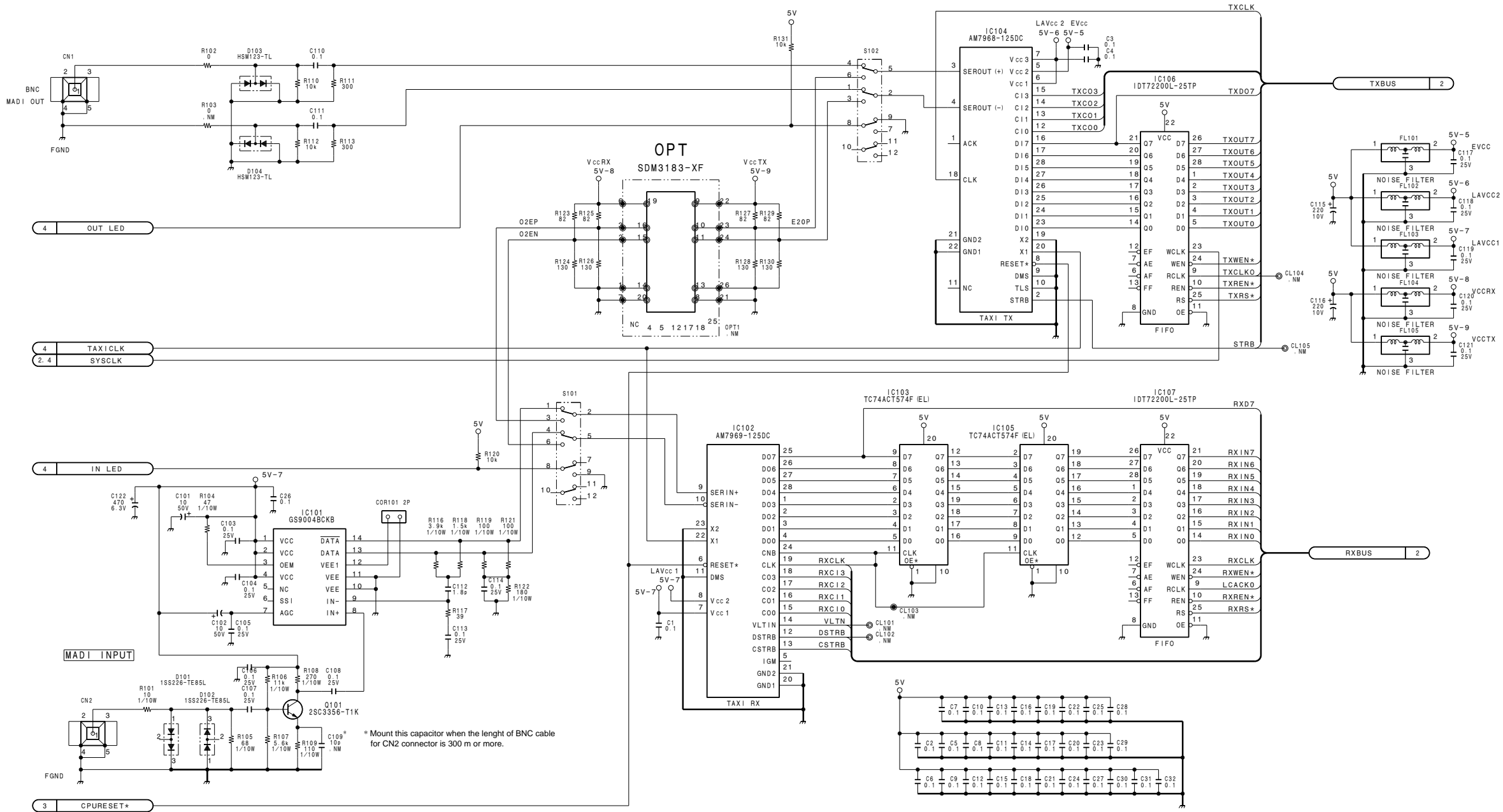
1

2

3

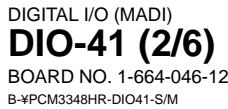
4

5



DIGITAL I/O (MADI)  
**DIO-41 (1/6)**  
BOARD NO. 1-664-046-12  
B-PCM3348HR-DIO41-S/M

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

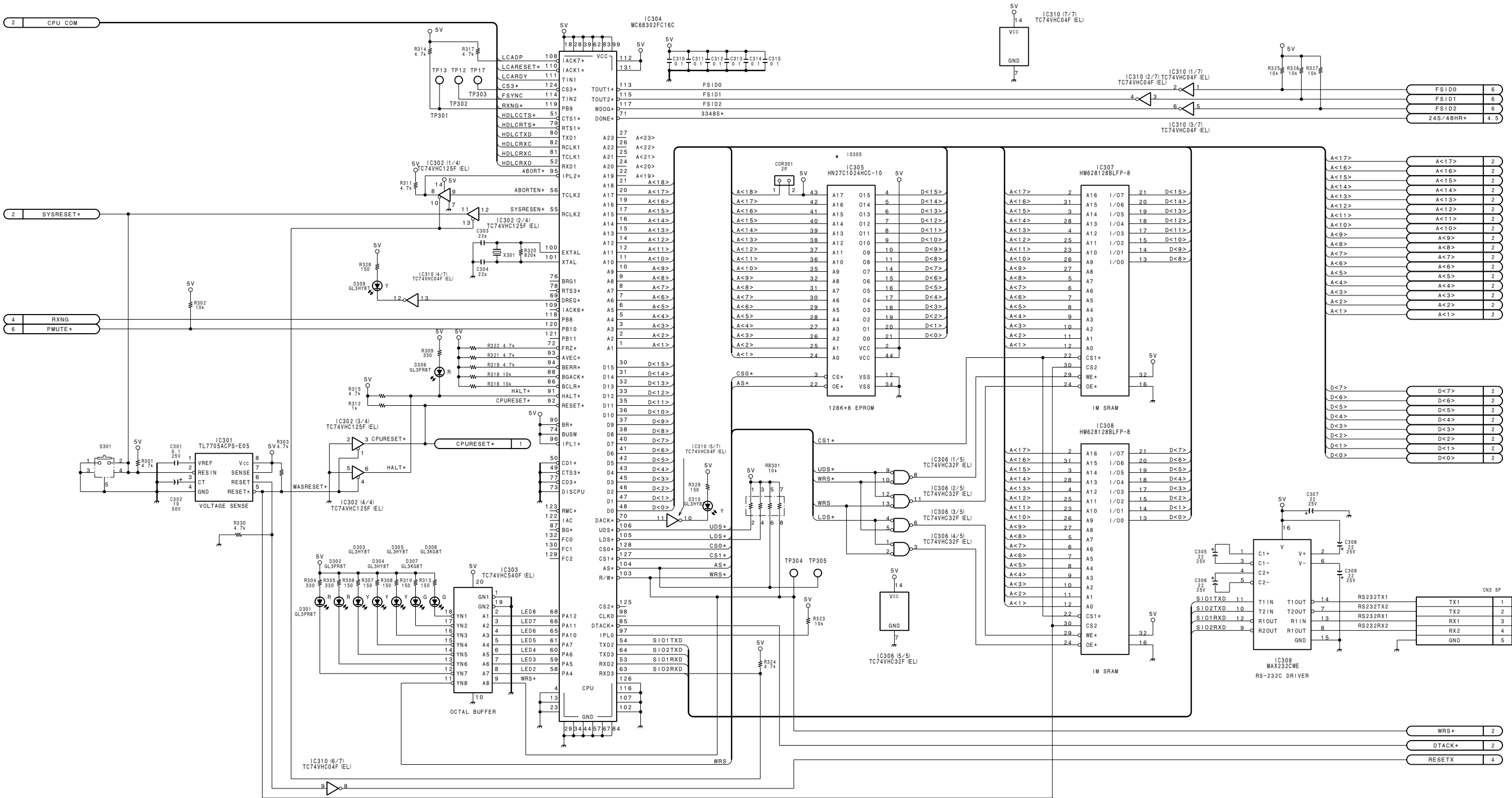
1

2

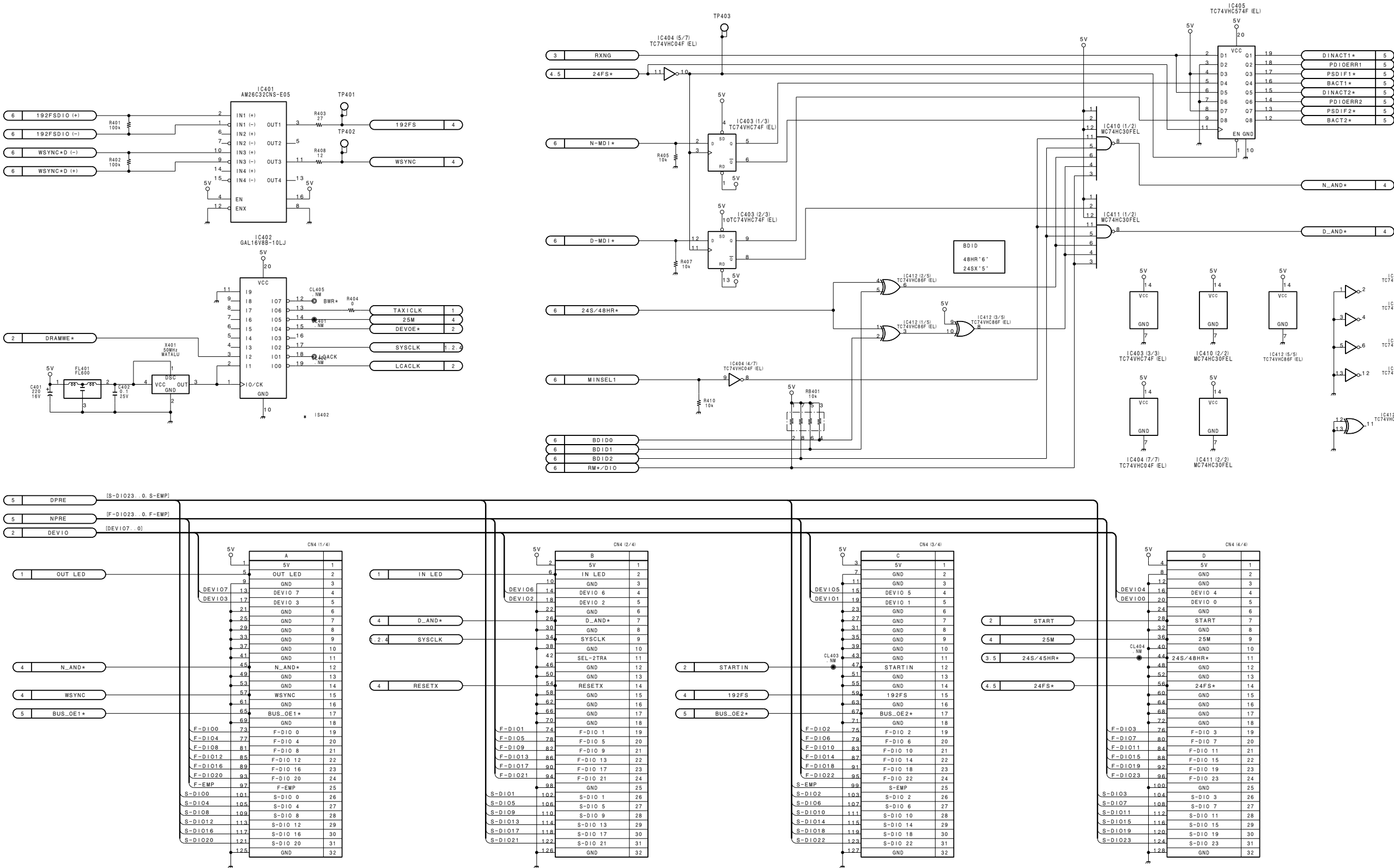
3

4

5



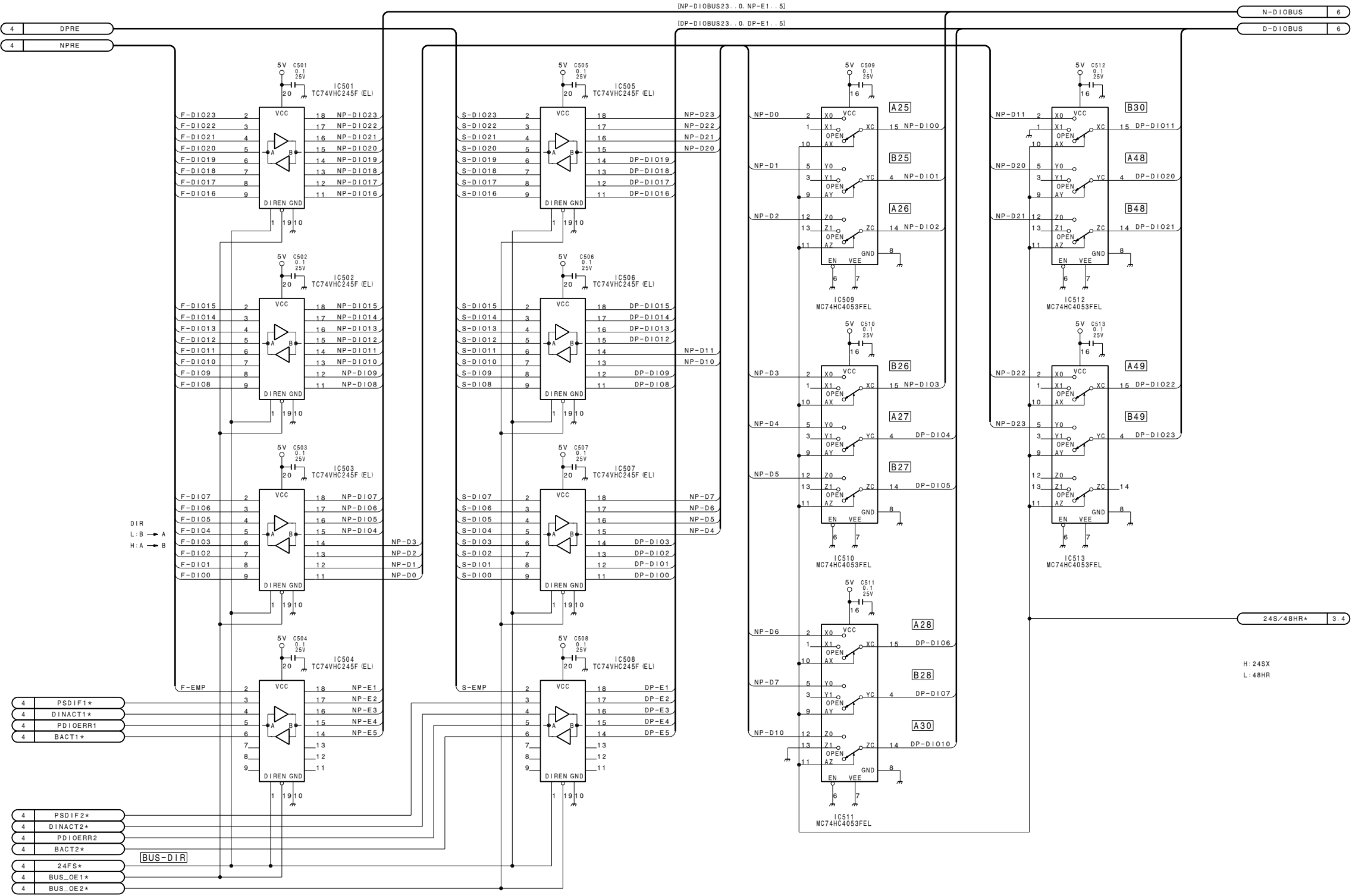
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



DIGITAL I/O (MADI)  
**DIO-41 (4/6)**  
BOARD NO. 1-664-046-12  
B-WPCM3348HR-DIO41-S/M

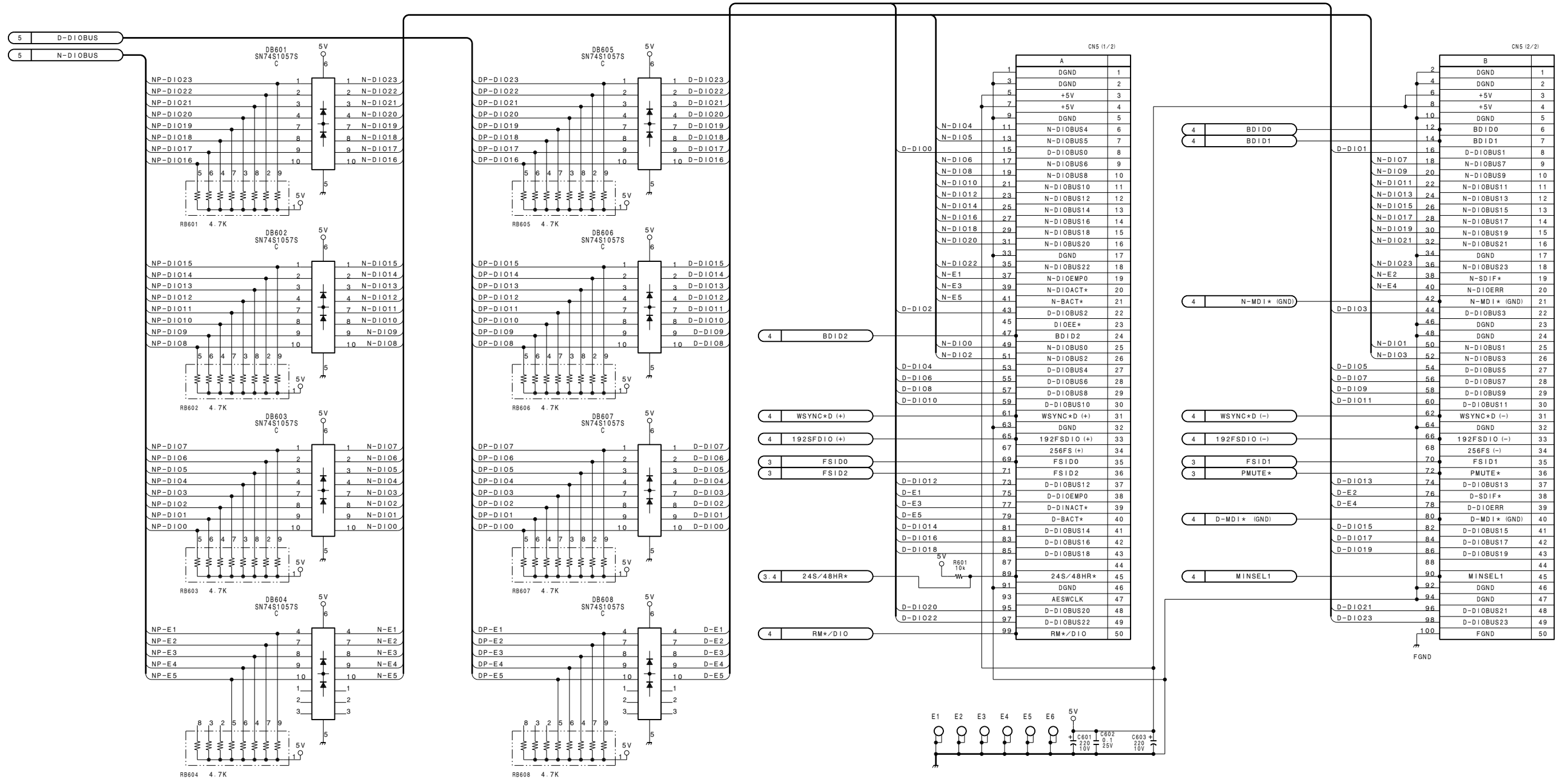


PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



DIGITAL I/O (MADI)  
**DIO-41 (5/6)**  
BOARD NO. 1-664-046-12  
B-PCM3348HR-DIO41-S/M

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



DIGITAL I/O (MADI)  
**DIO-41 (6/6)**  
BOARD NO. 1-664-046-12  
B-PCM3348HR-DIO41-S/M

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

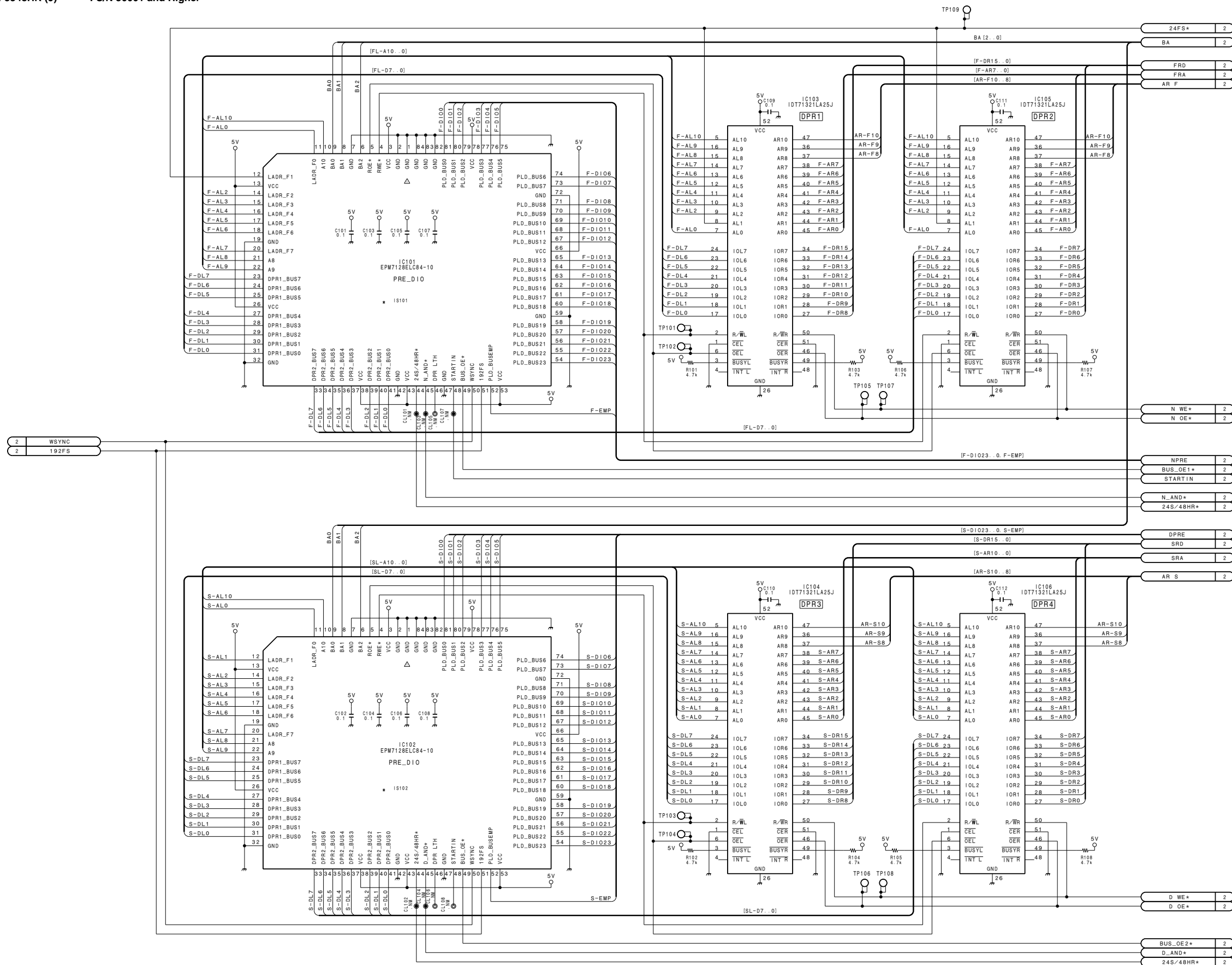
1

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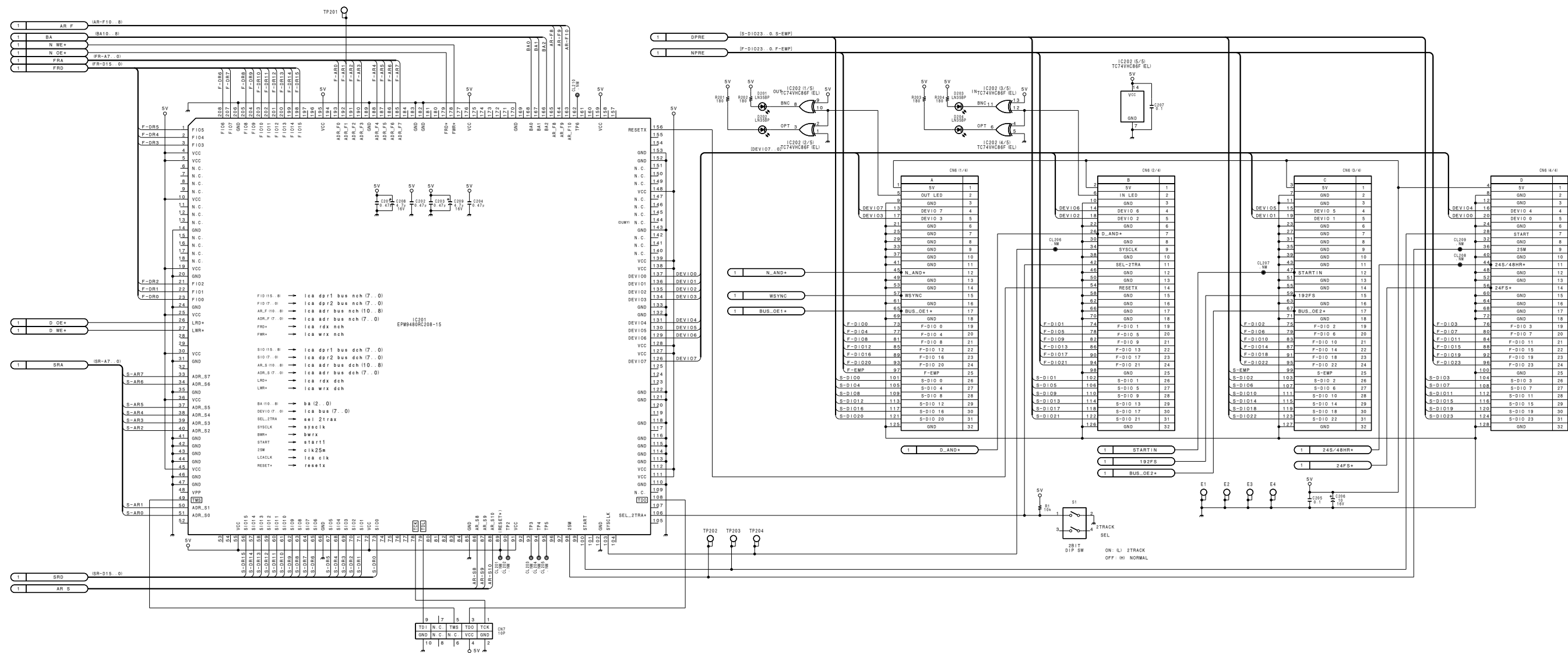
5



DIGITAL I/O (MADI)  
**DIO-42 (1/2)**  
BOARD NO. 1-664-047-18  
B-PCM3348HR-DIO42-S/M

## DIO-42 (2/2)

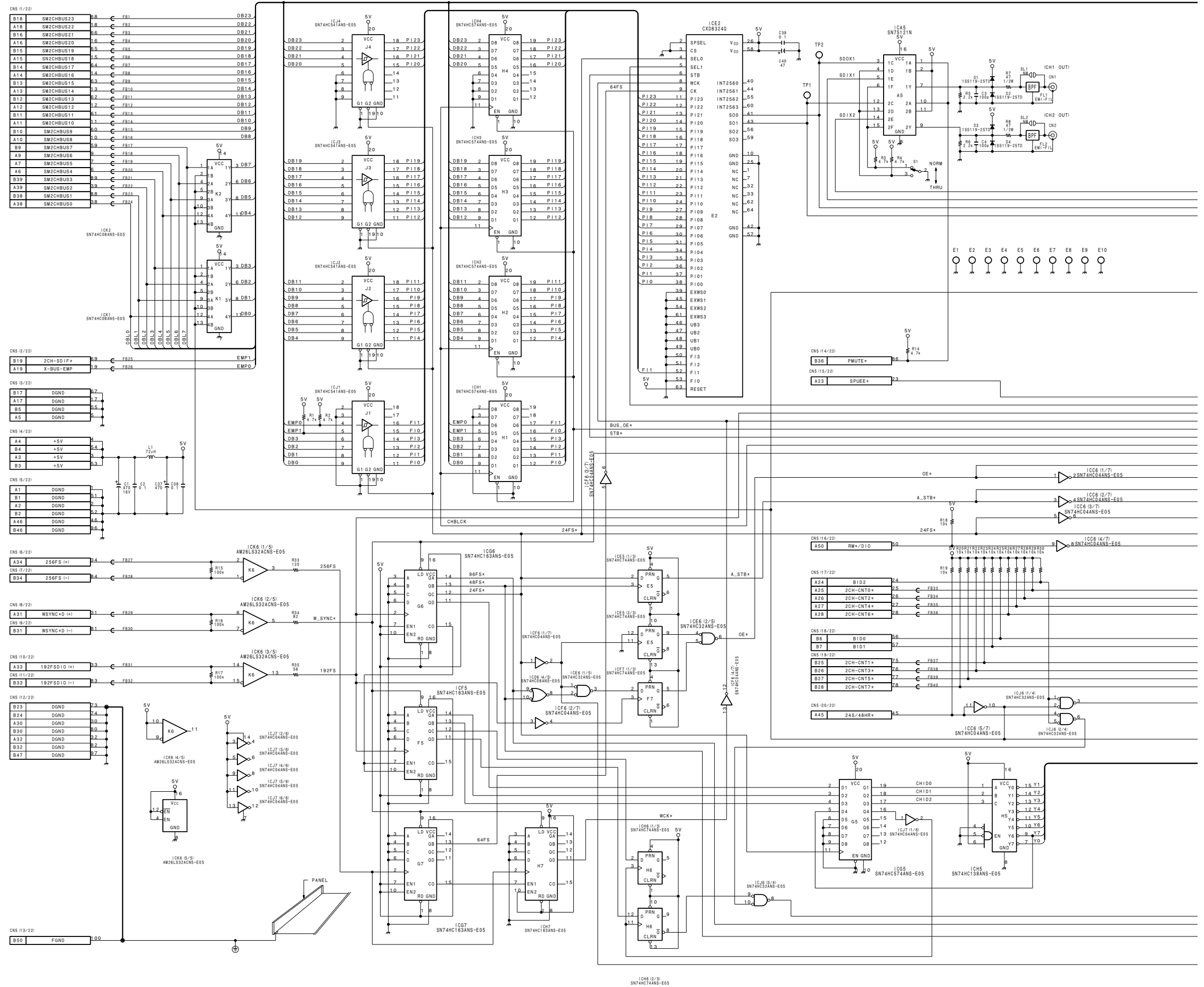
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



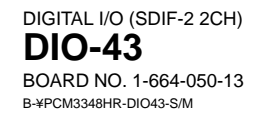
DIGITAL I/O (MADI)  
**DIO-42 (2/2)**  
BOARD NO. 1-664-047-12  
B-¥PCM3348HR-DIO42-S/M

# DIO-43

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher







PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

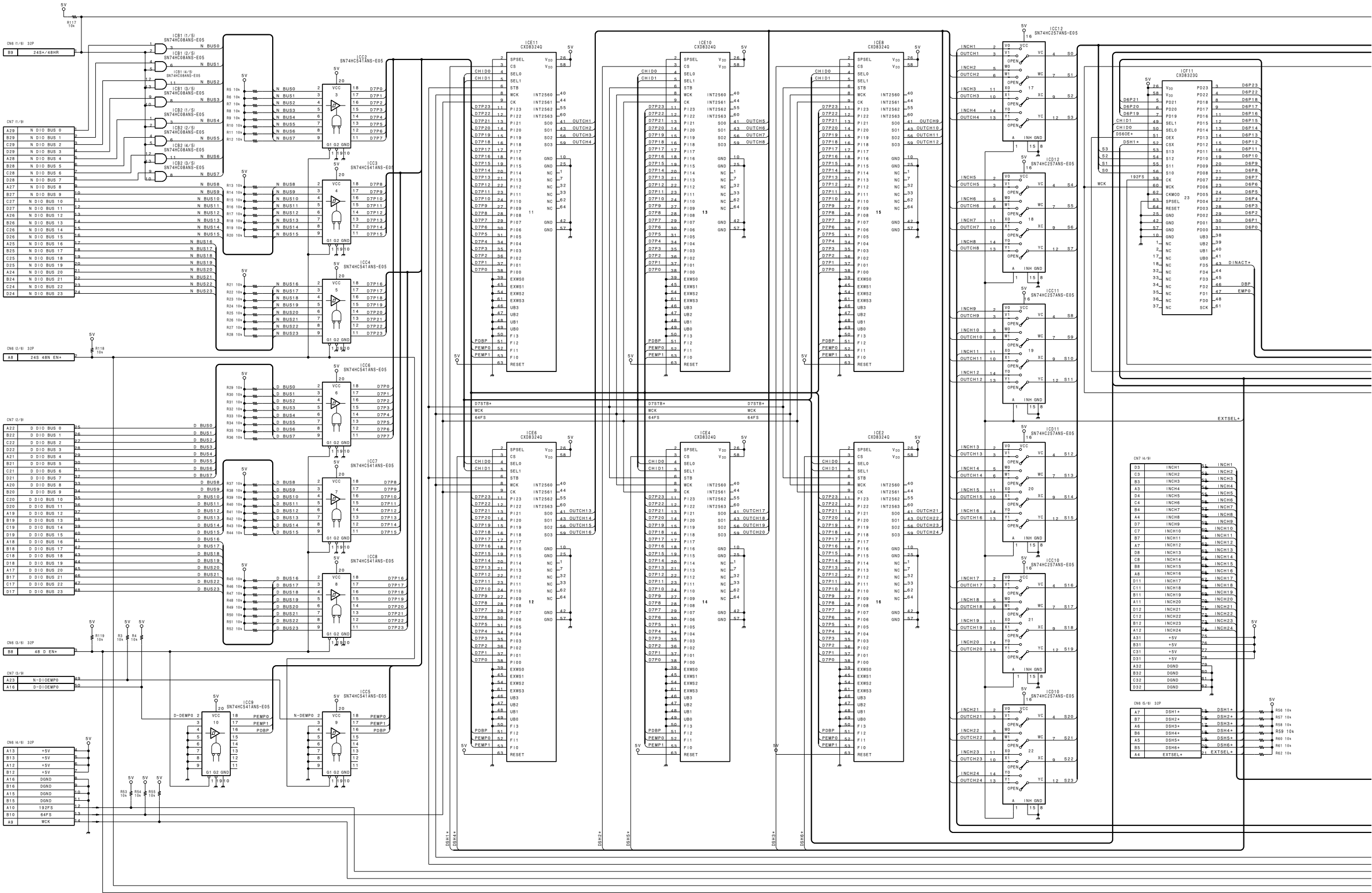
1

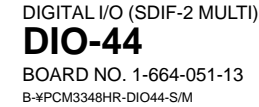
2

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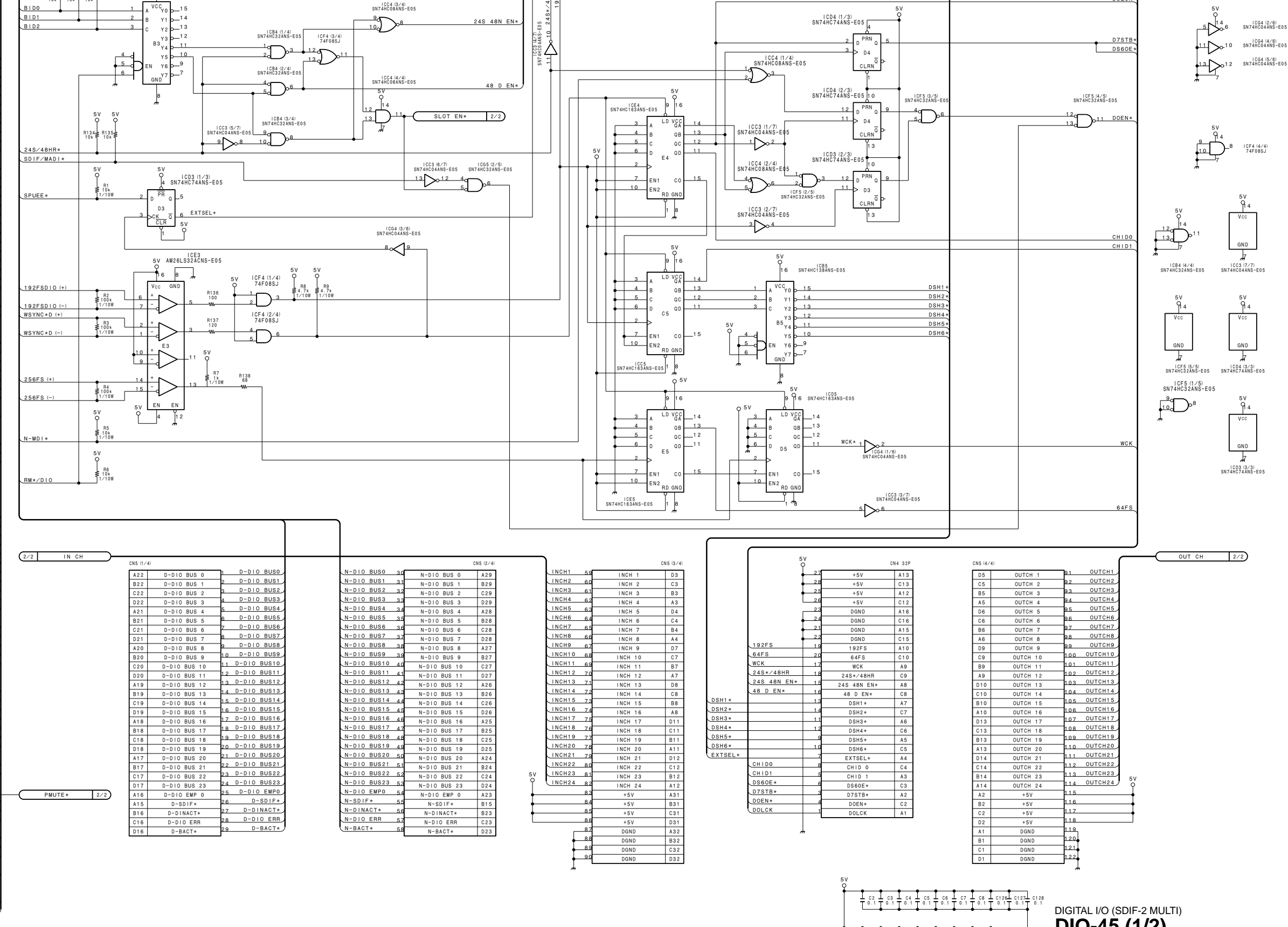
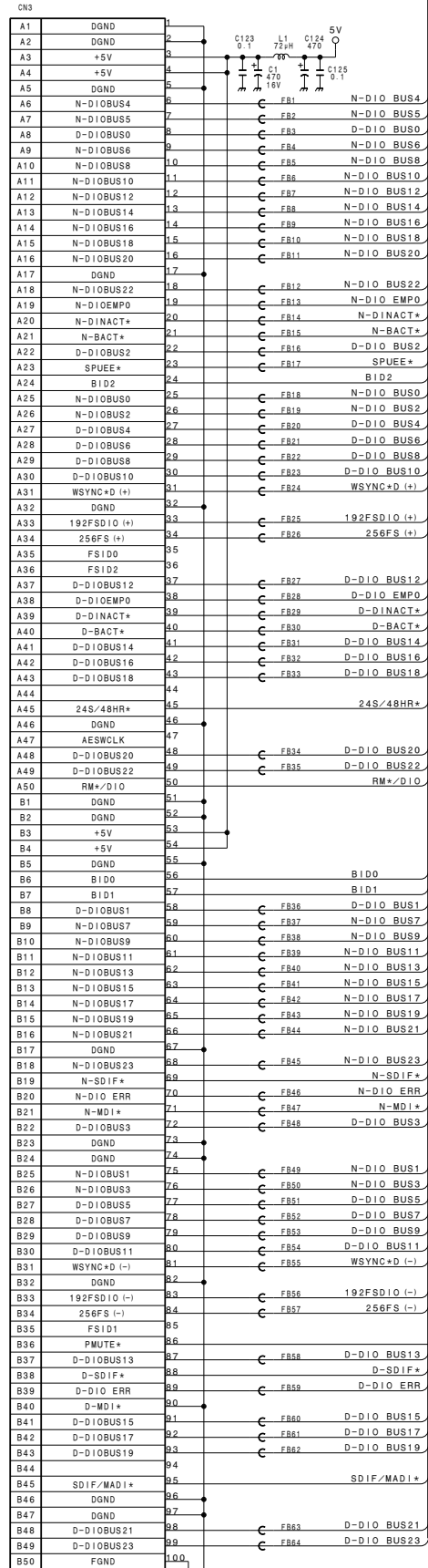
5





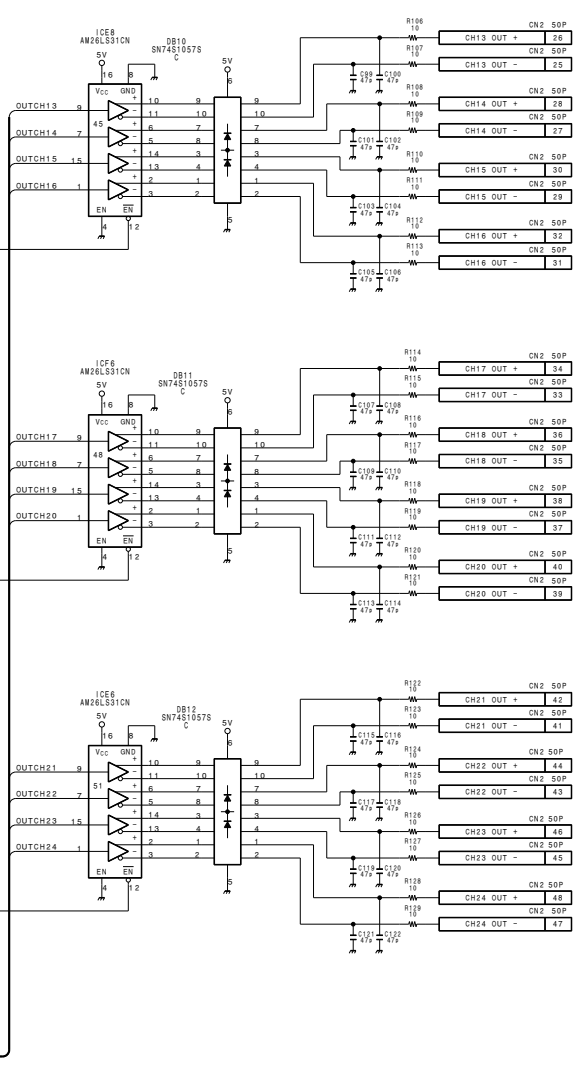
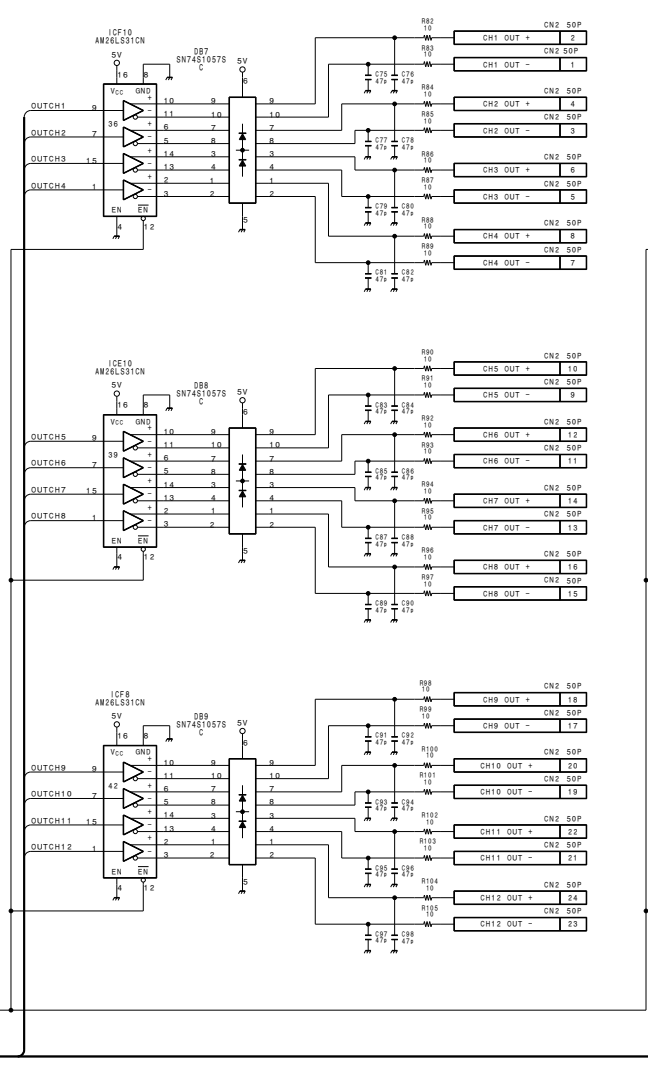
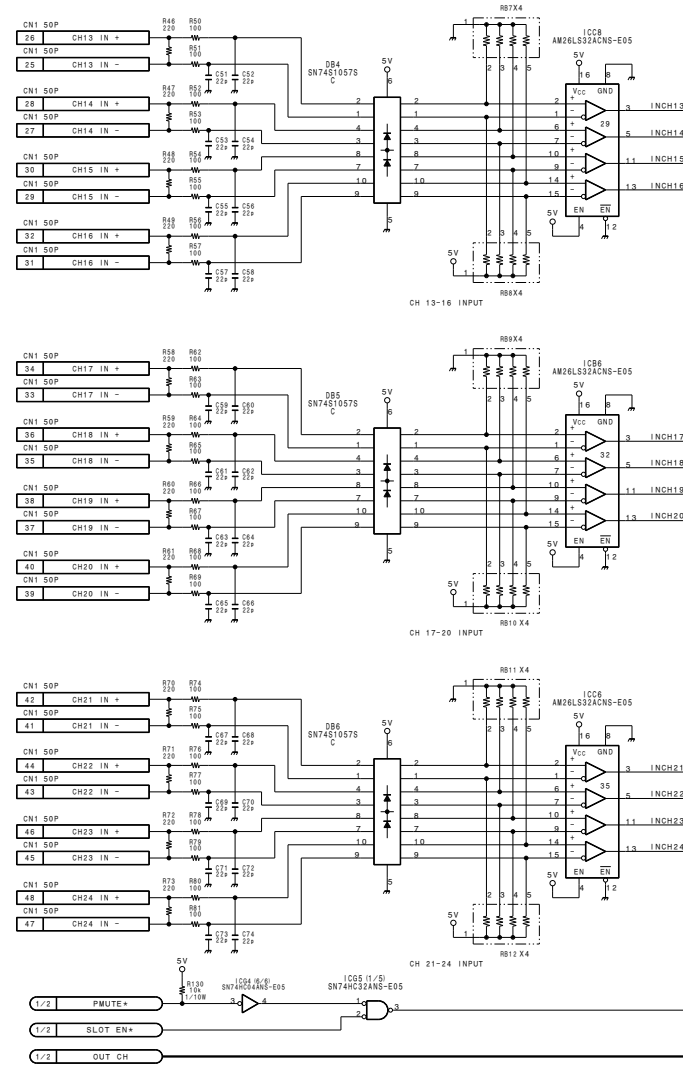
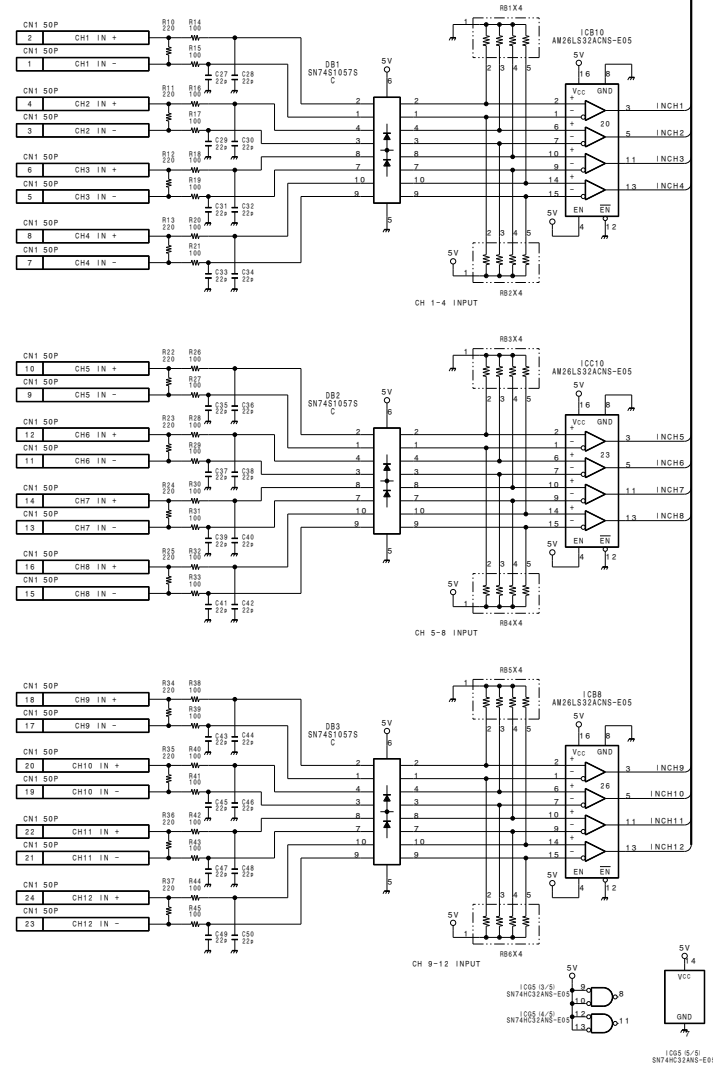
## DIO-45 (1/2)

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



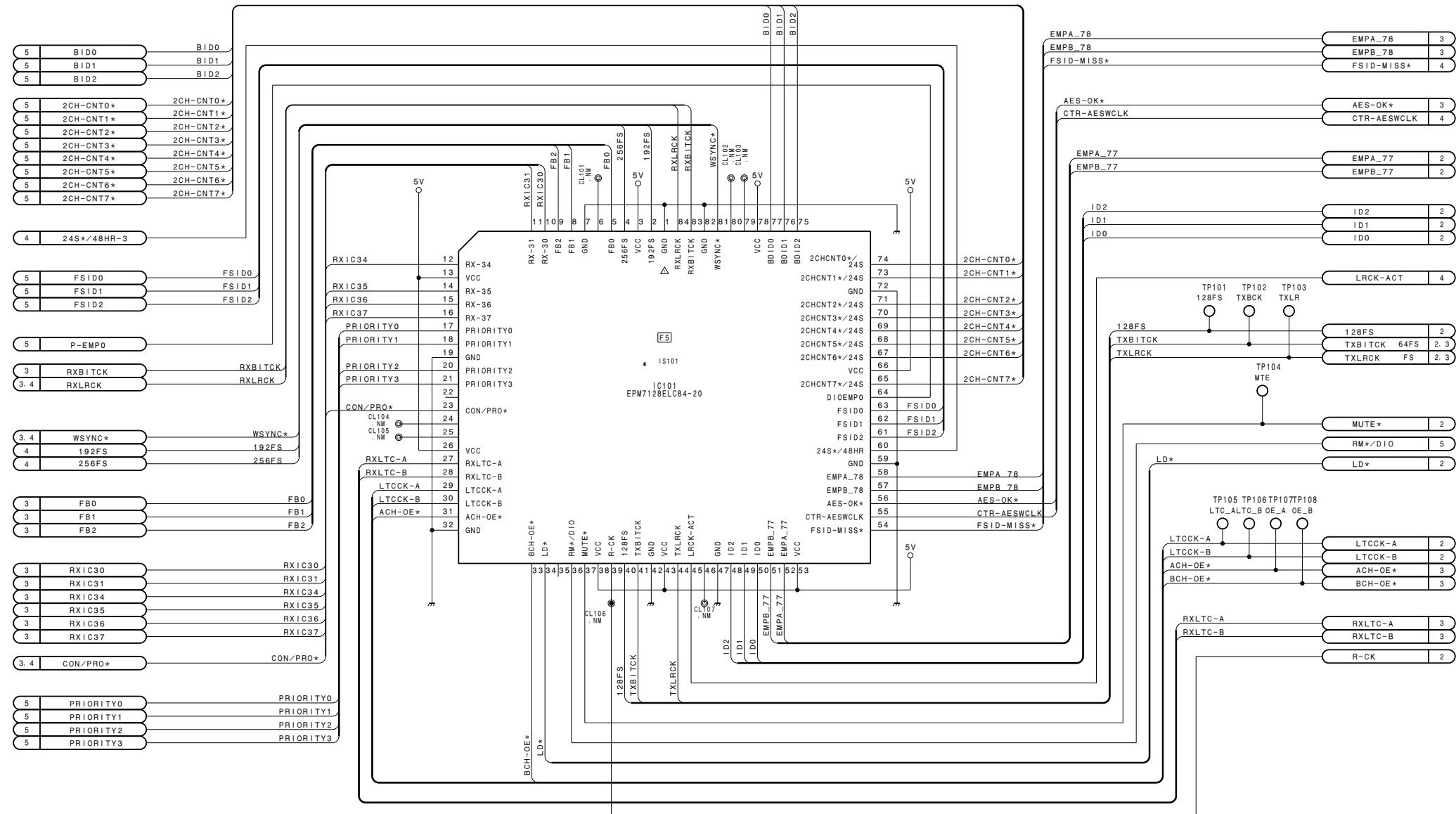
DIGITAL I/O (SDIF-2 MULTI)  
**DIO-45 (1/2)**  
BOARD NO. 1-664-052-13  
B-YPCM3348HR-DIO45-S/M

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

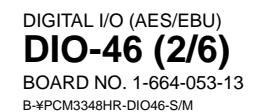




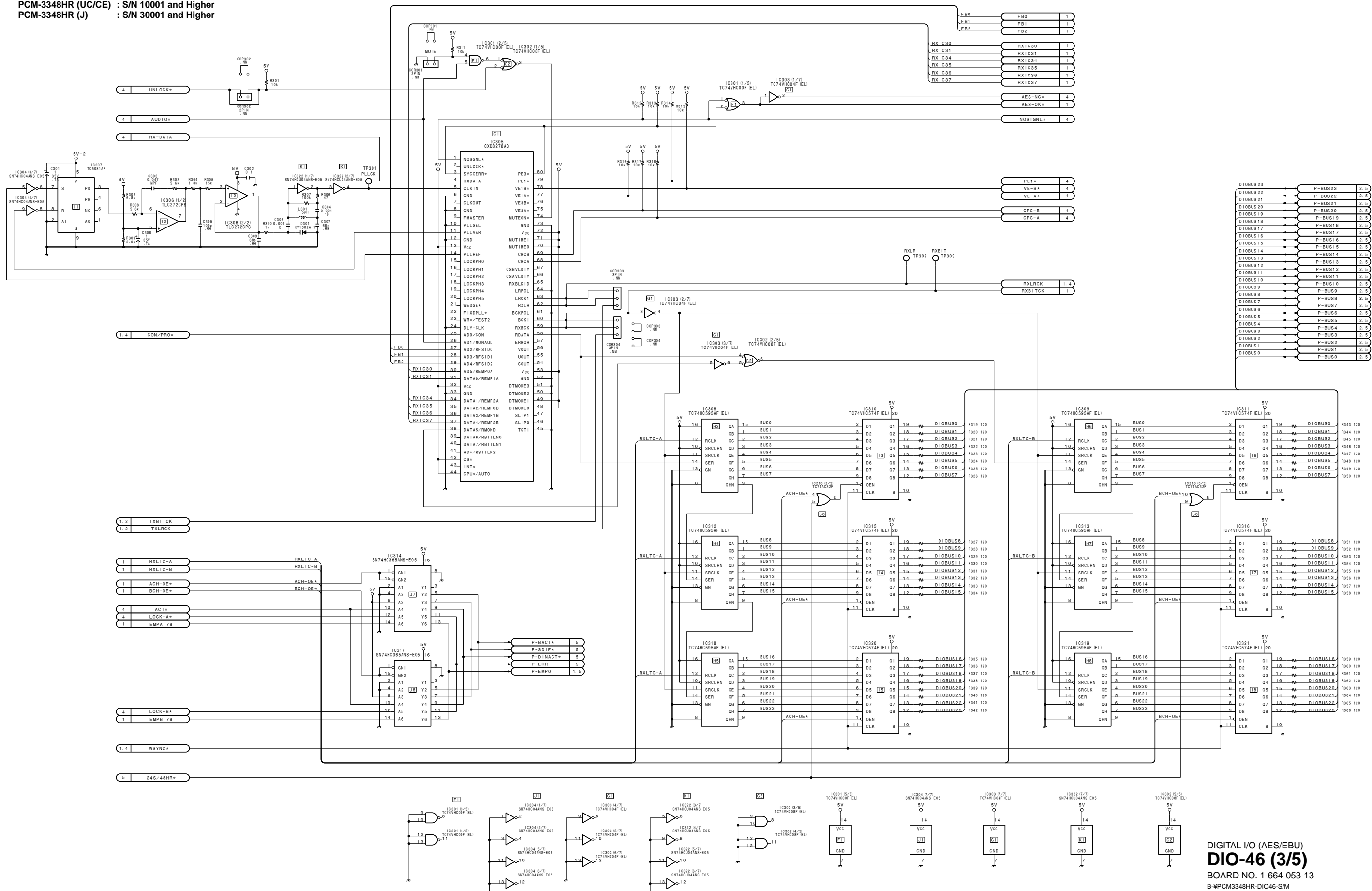
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



DIGITAL I/O (AES/EBU)  
**DIO-46 (1/5)**  
BOARD NO. 1-664-053-13  
B-YPCM3348HR-DIO46-S/M



PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



DIGITAL I/O (AES/EBU)  
**DIO-46 (3/5)**  
BOARD NO. 1-664-053-13  
B-PCM3348HR-DIO46-S/M

[illegible]

PCM-3348HR

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

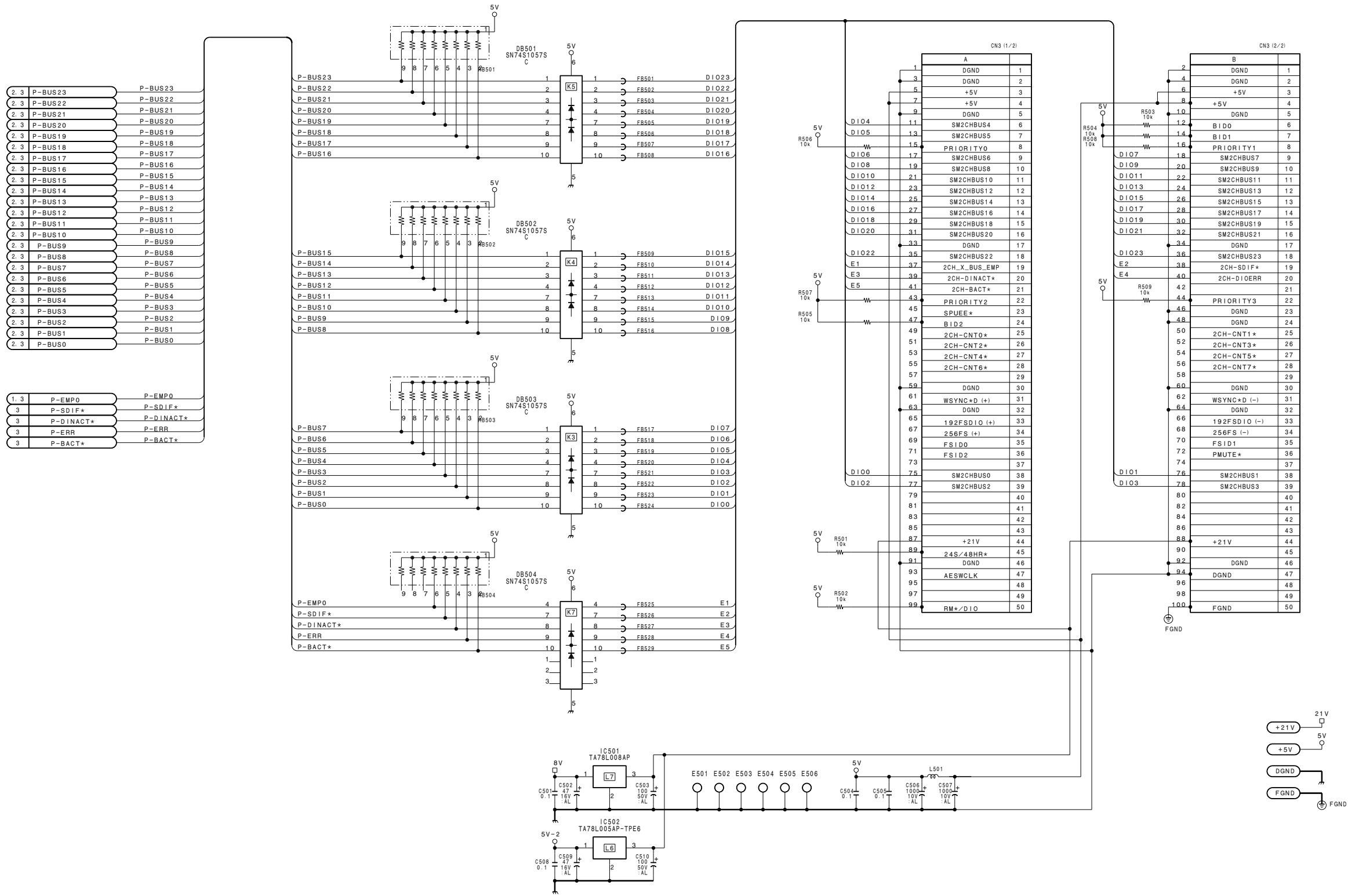
1

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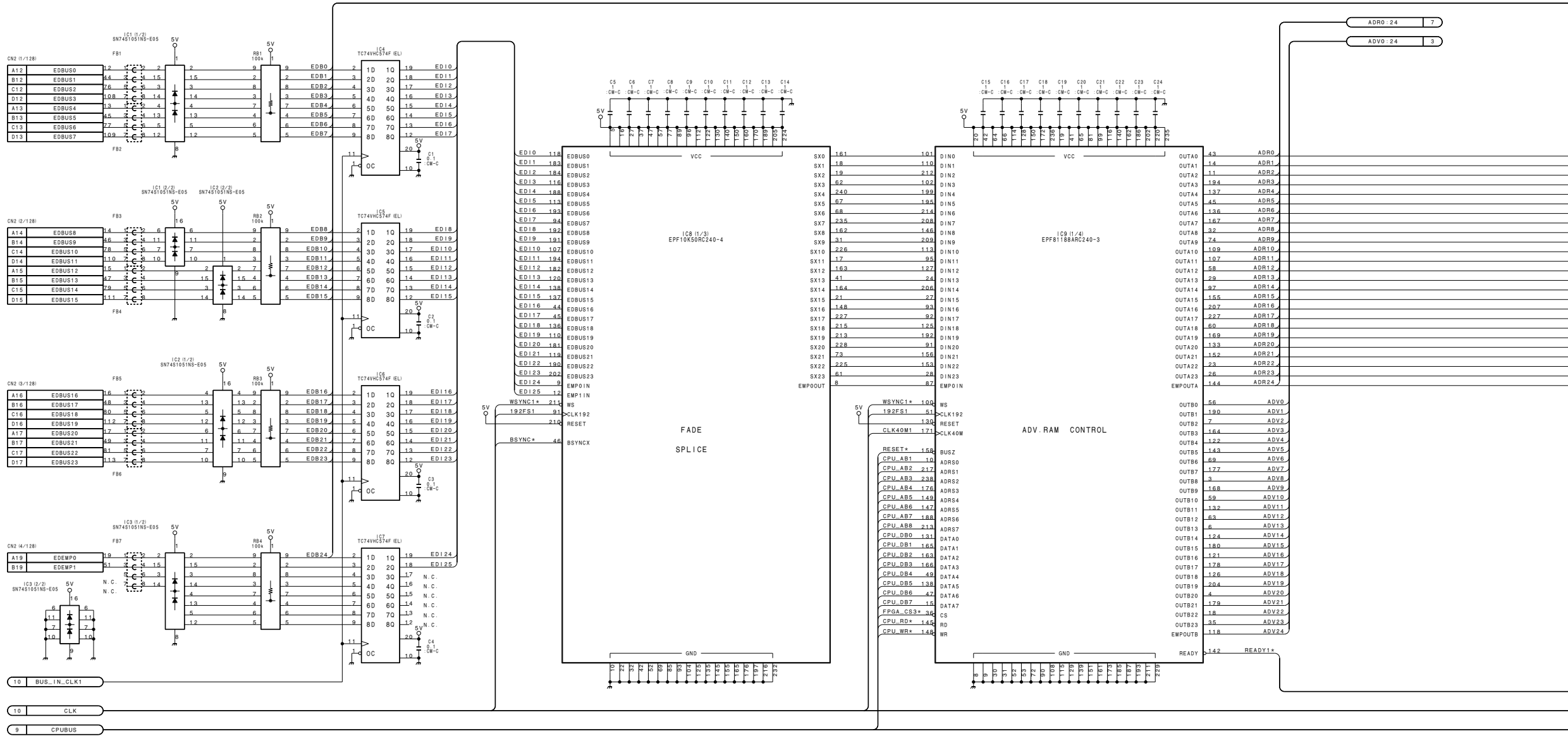


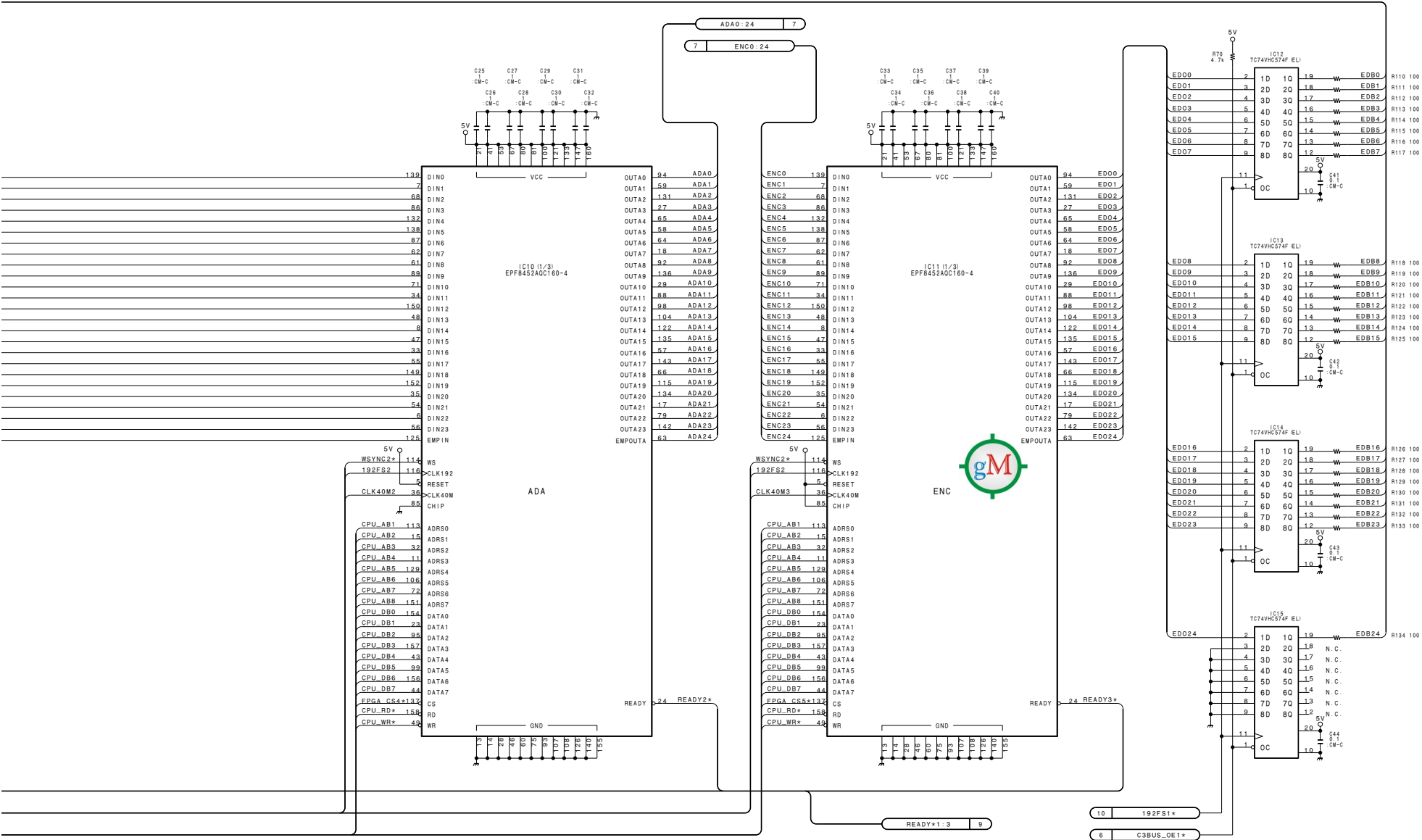
DIGITAL I/O (AES/EBU)  
**DIO-46 (5/5)**  
BOARD NO. 1-664-053-13  
B-PCM3348HR-DIO46-S/M





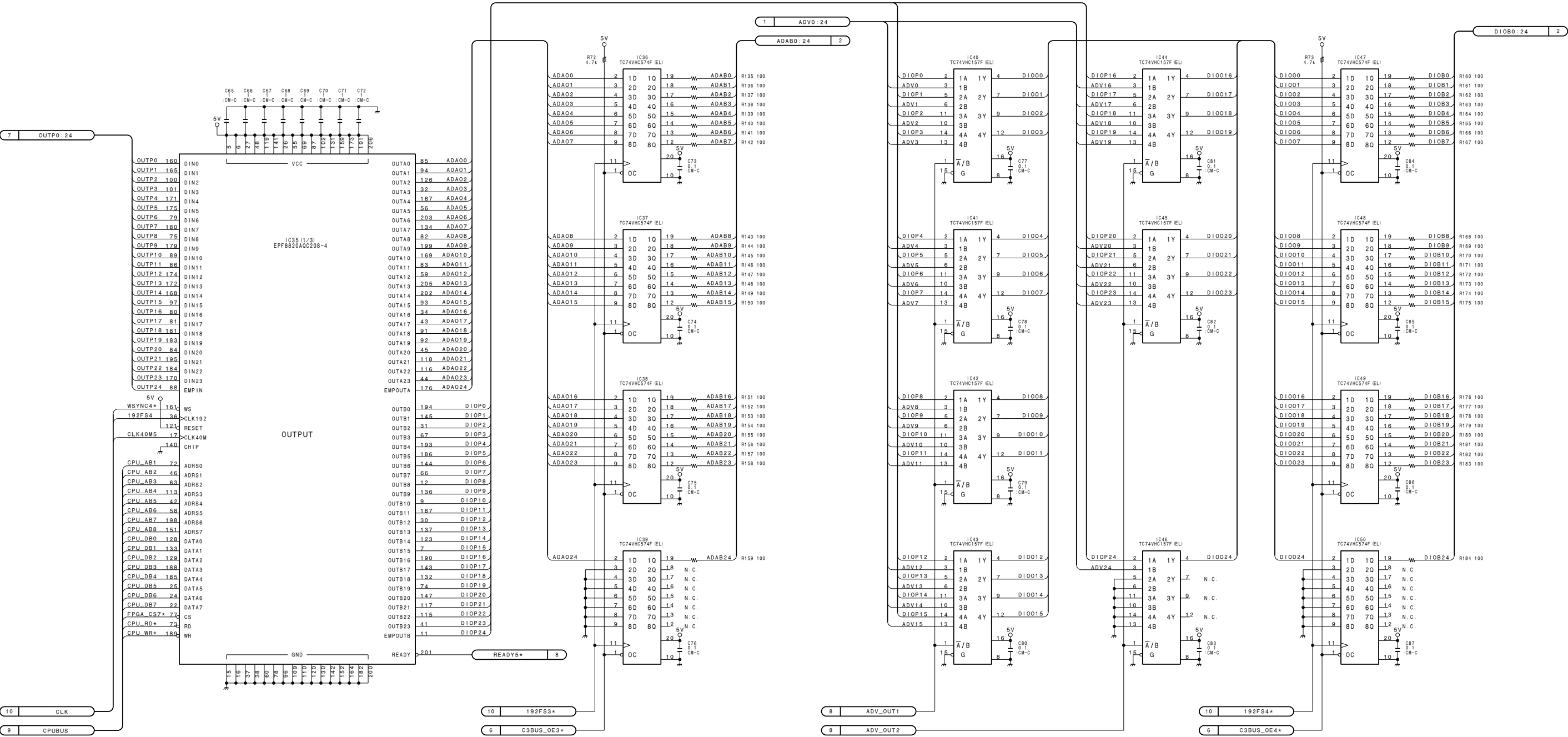
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher







PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

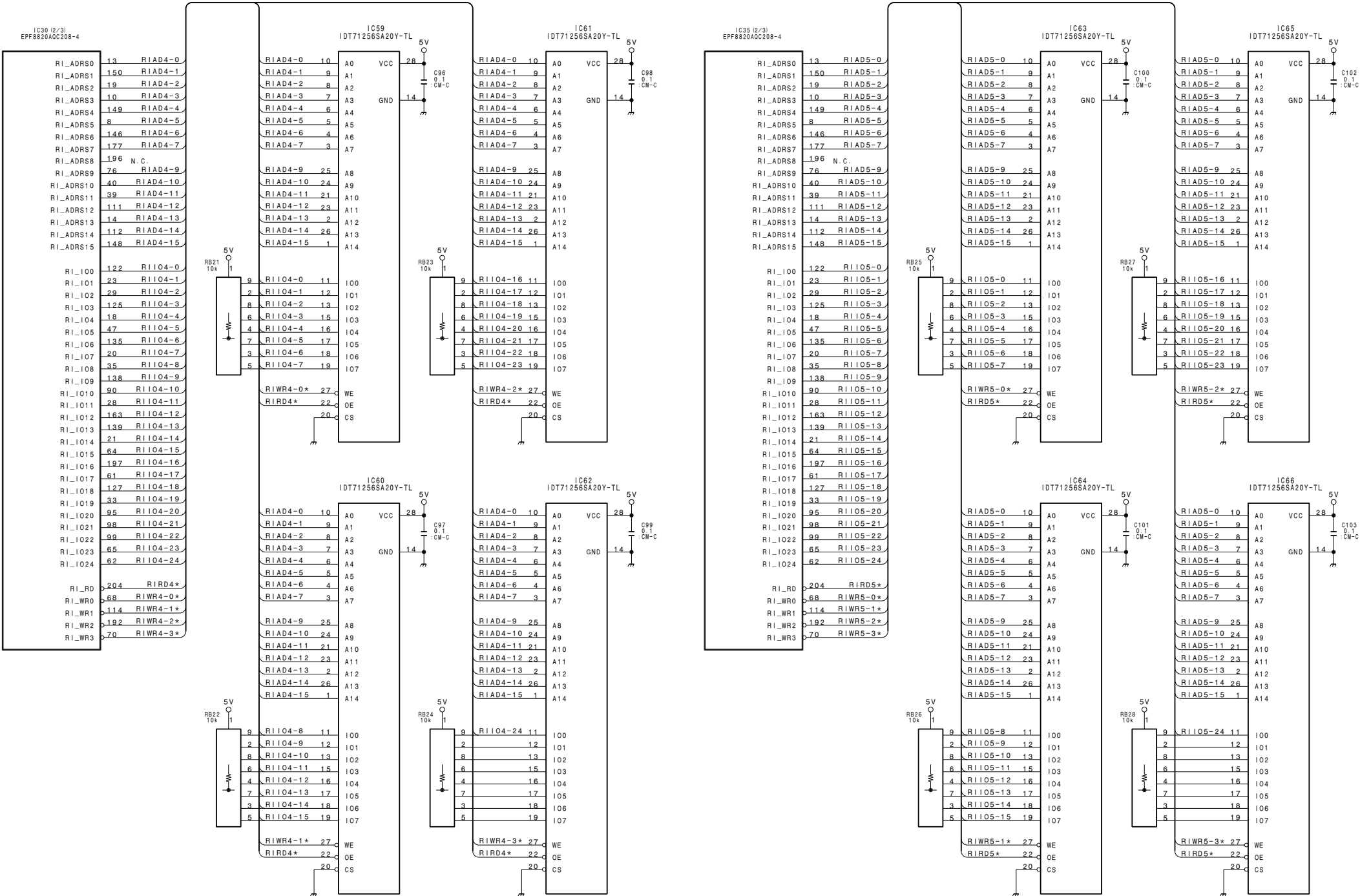


EDIT  
**ED-40 (3/10)**  
BOARD NO. 1-658-946-14, 15  
B-PCM3348HR-ED40-S/M





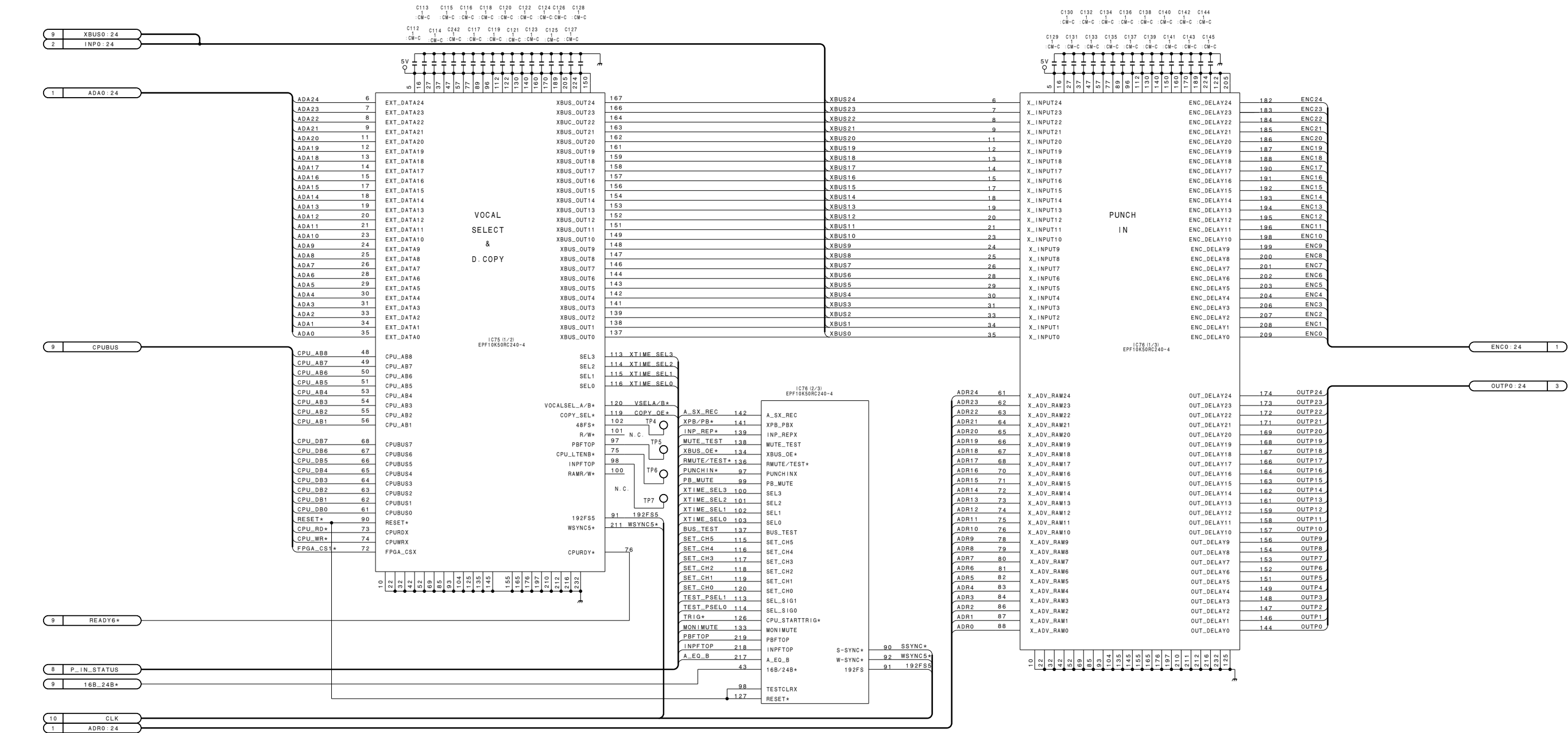
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



EDIT  
**ED-40 (5/10)**  
BOARD NO. 1-658-946-14, 15  
B-WPCM3348HR-ED40-S/M

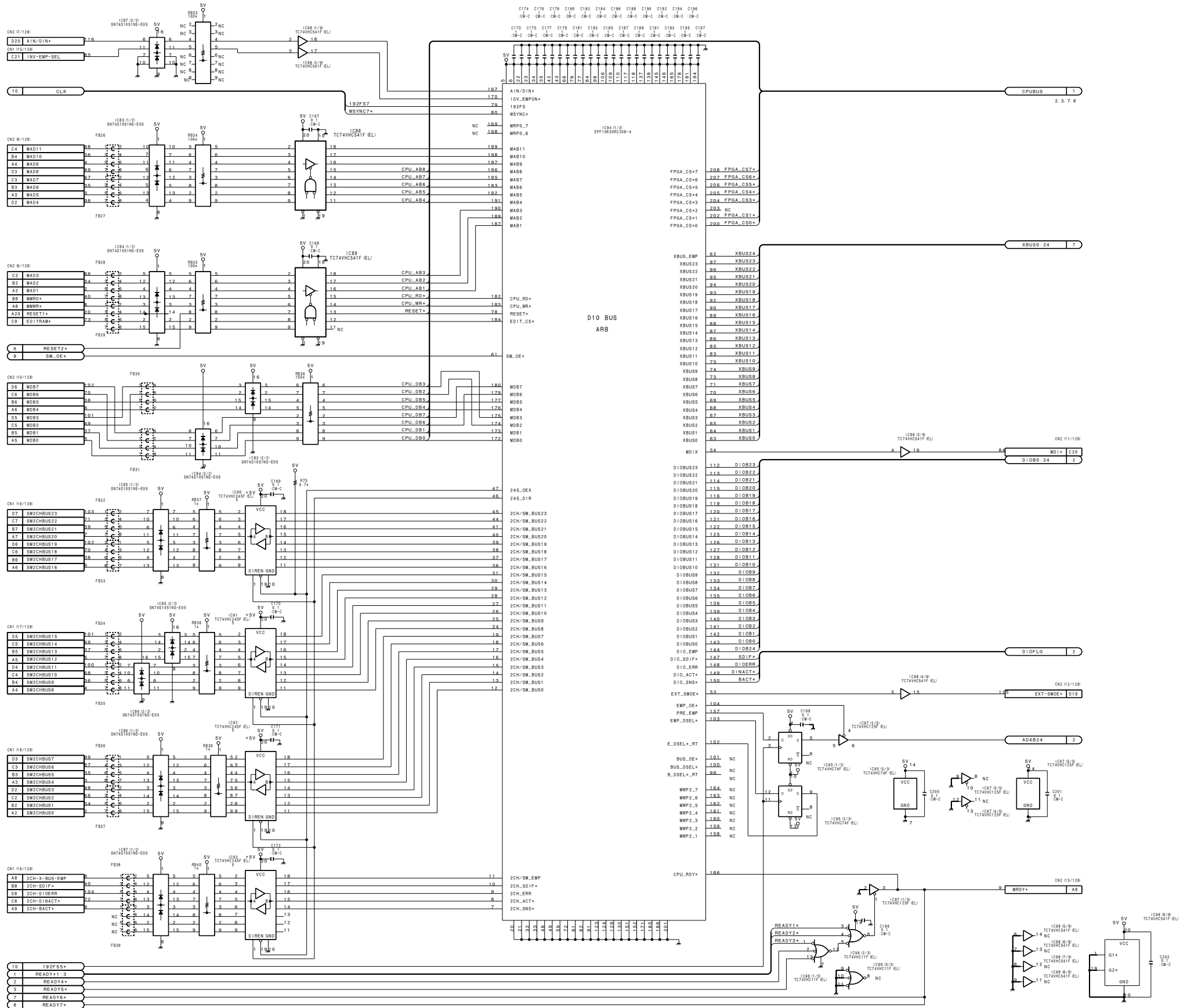


PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher





PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



EDIT  
**ED-40 (9/10)**  
BOARD NO. 1-658-946-14, 15  
B-WPCM3348HR-ED40-S/M



PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

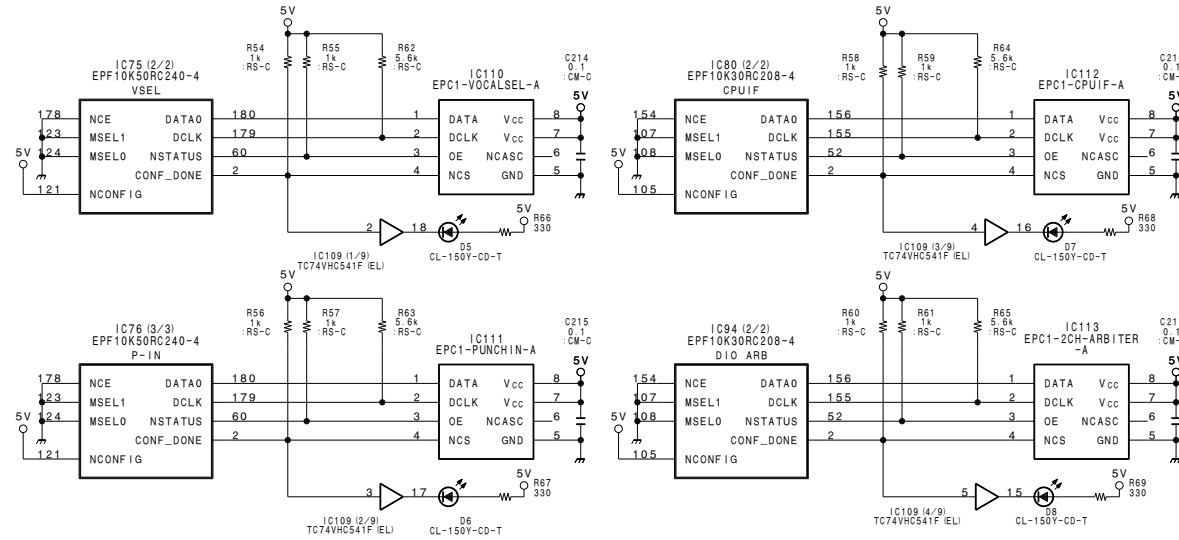
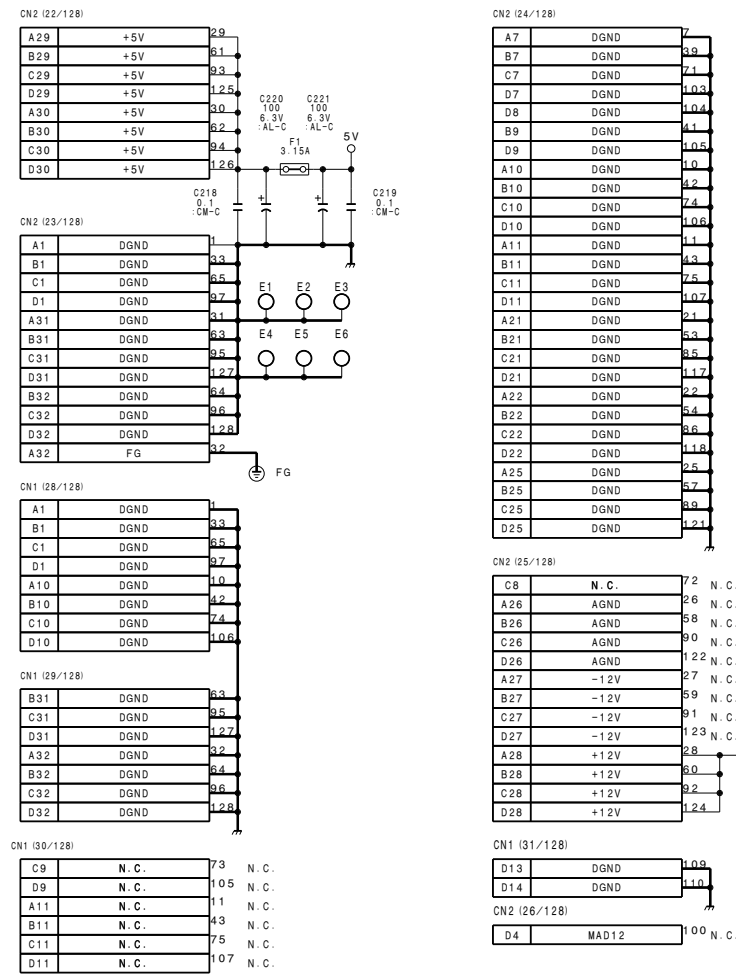
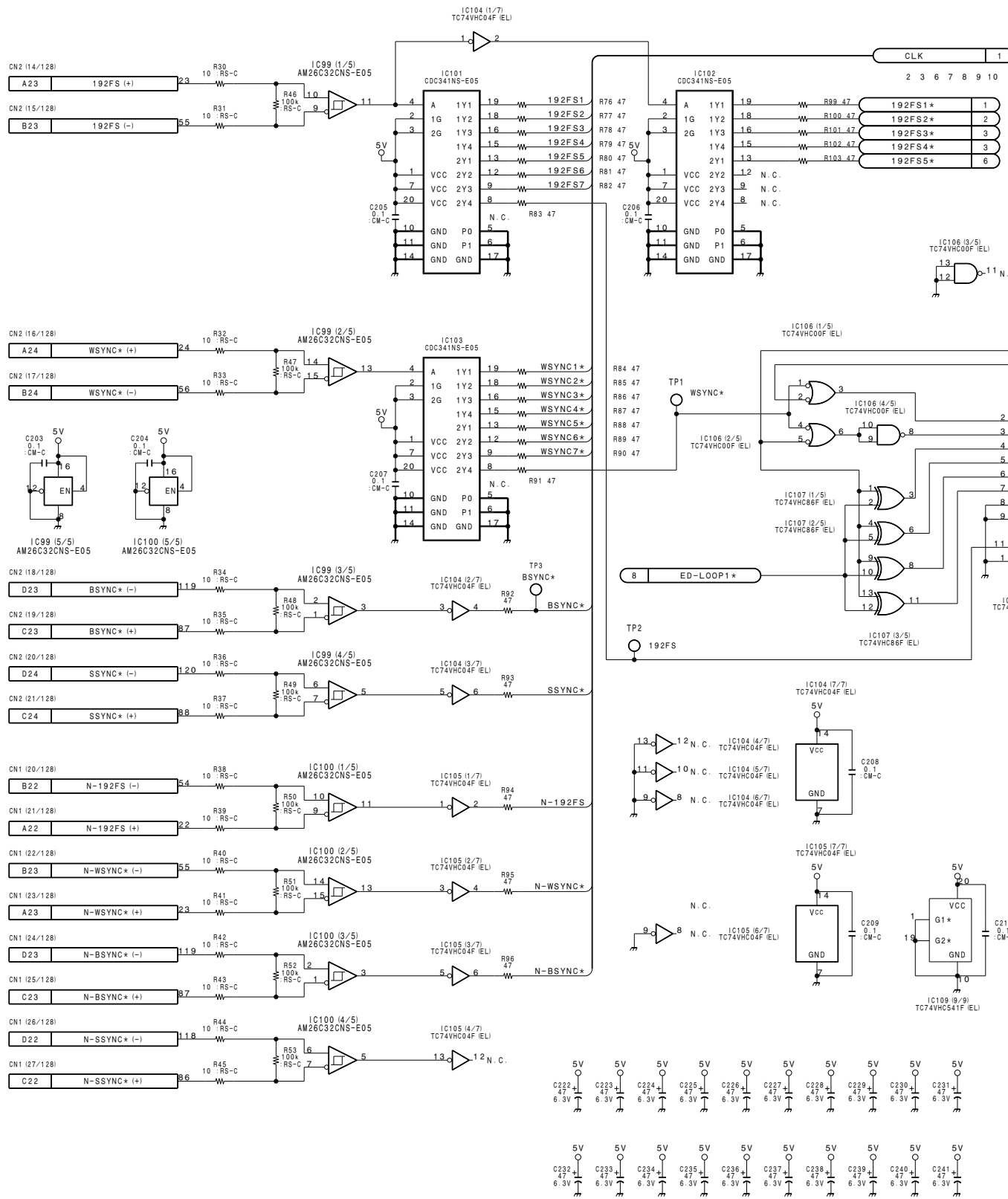
1

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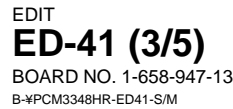


EDIT  
**ED-40 (10/10)**  
BOARD NO. 1-658-946-14, 15  
B-PCM3348HR-ED40-S/M



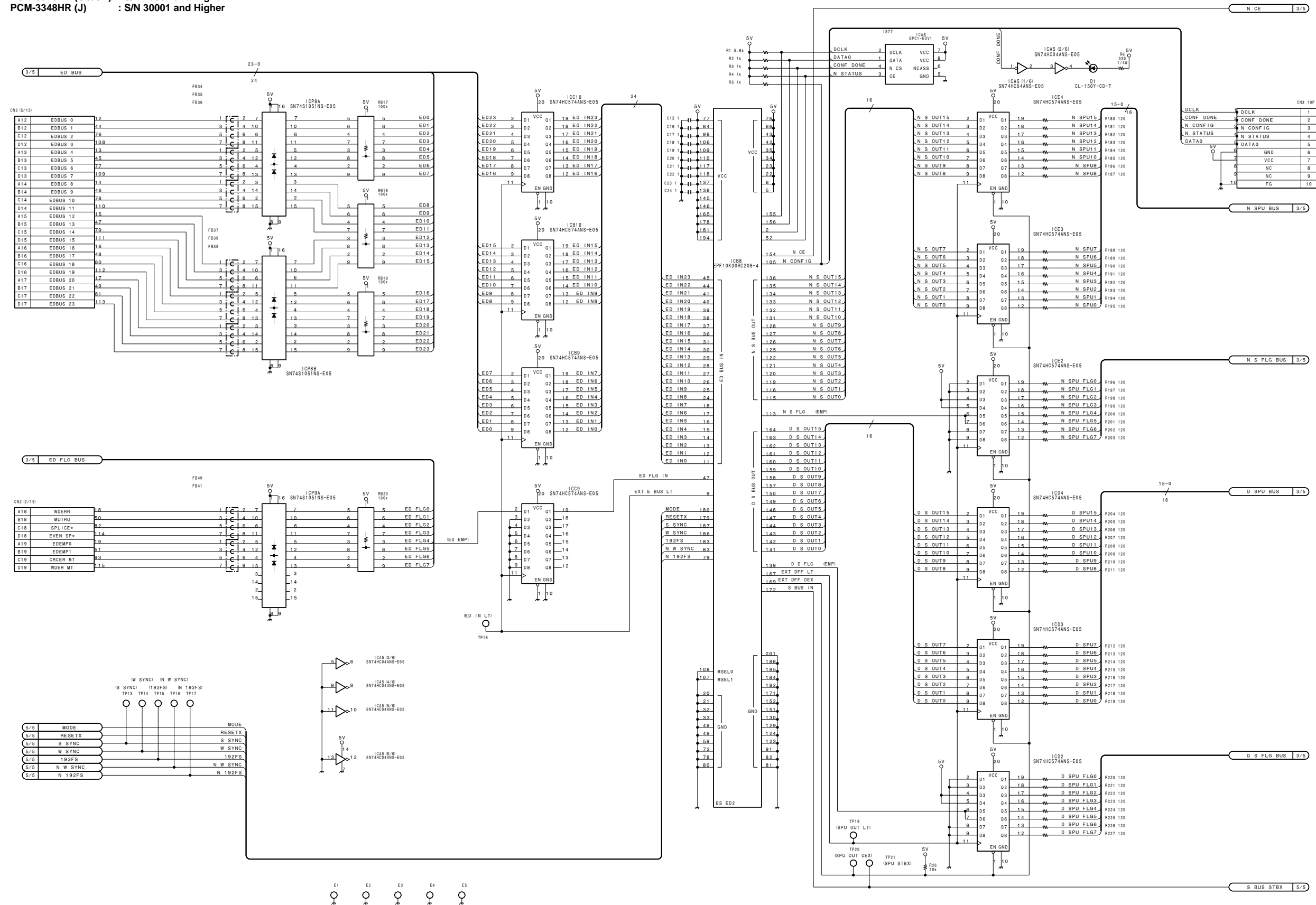


PCM-3348HR



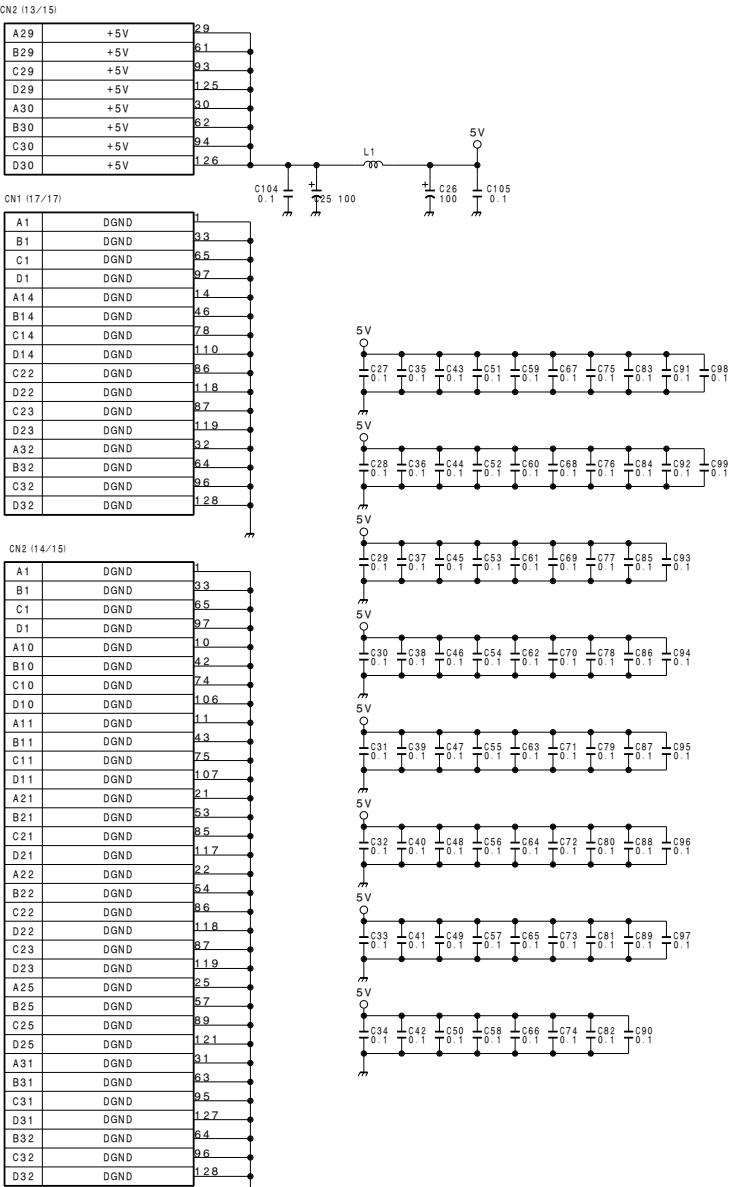
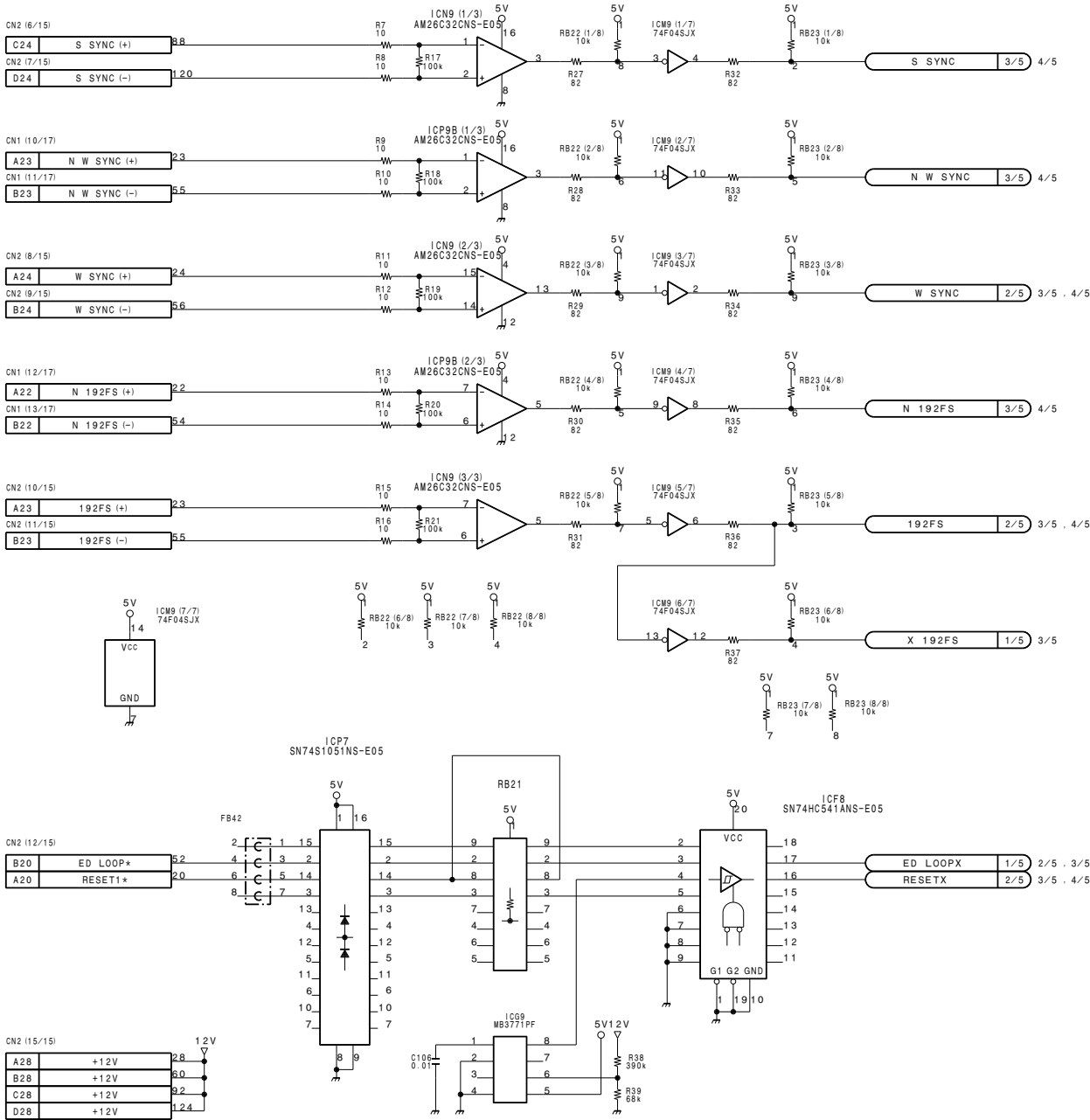
A	B	C	D	E	F	G	H
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PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



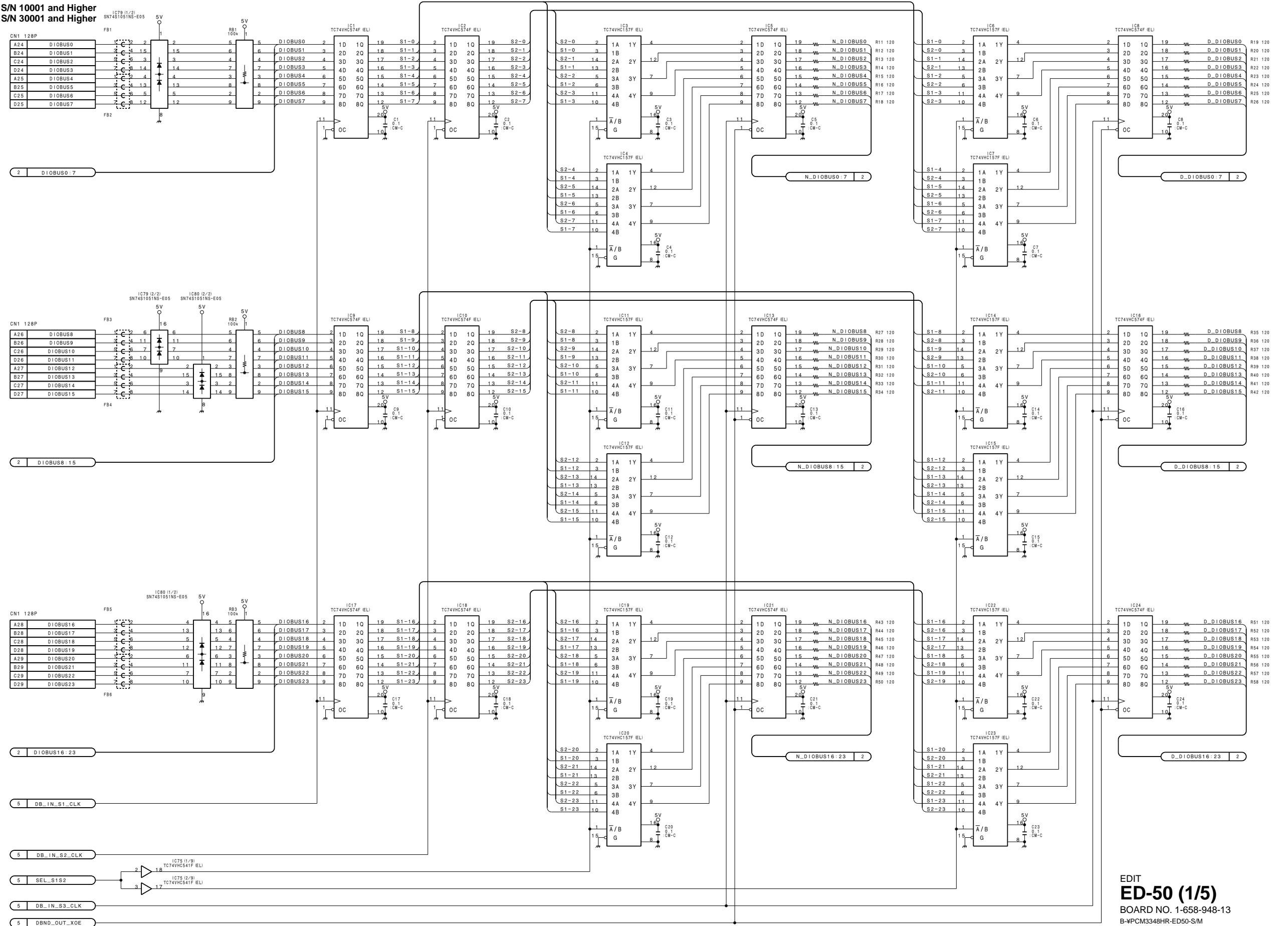
EDIT  
**ED-41 (4/5)**  
BOARD NO. 1-658-947-13  
B-¥PCM3348HR-ED41-S/M

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



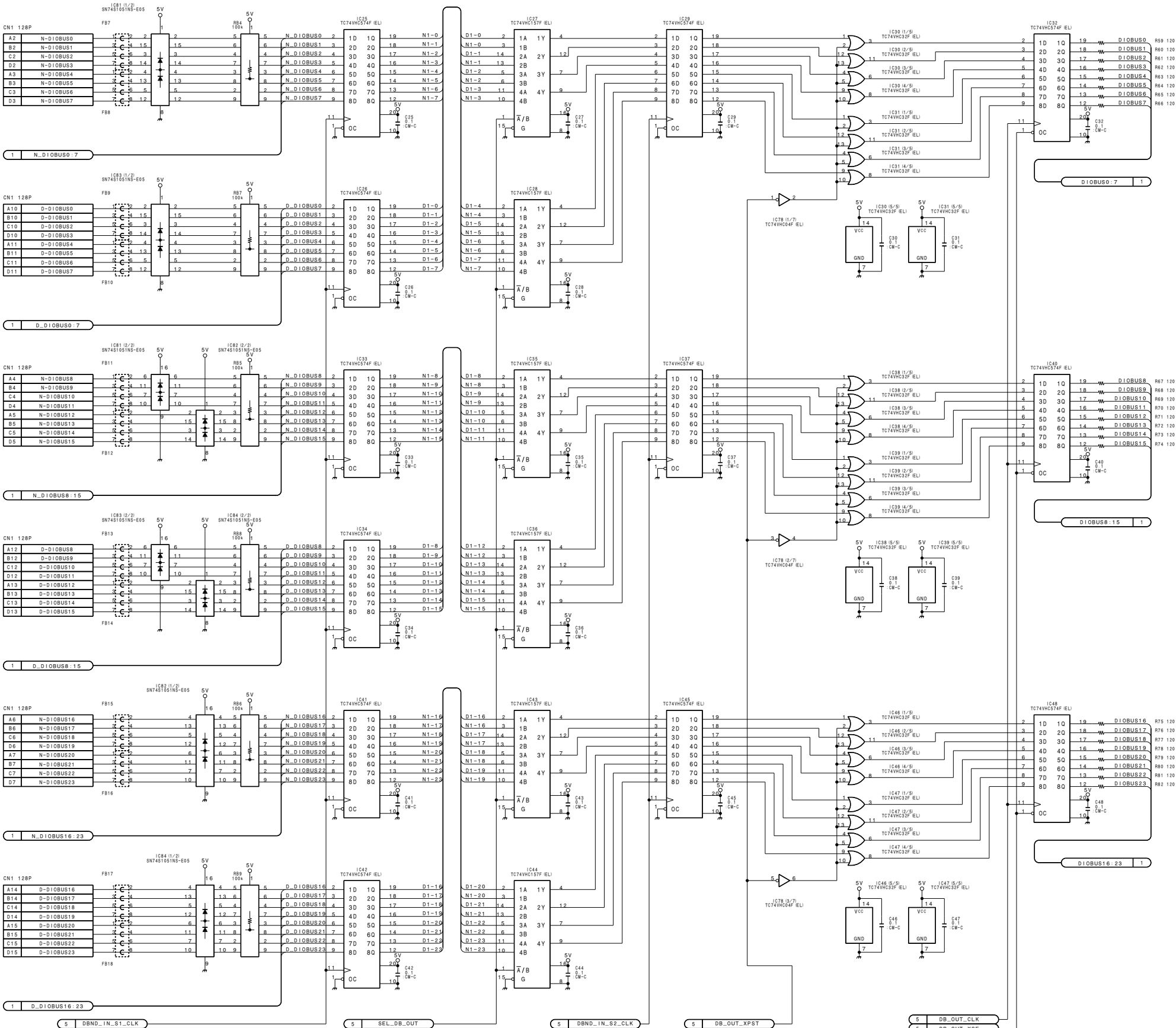


PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



EDIT  
**ED-50 (1/5)**  
BOARD NO. 1-658-948-13  
B-WPCM3348HR-ED50-S/M

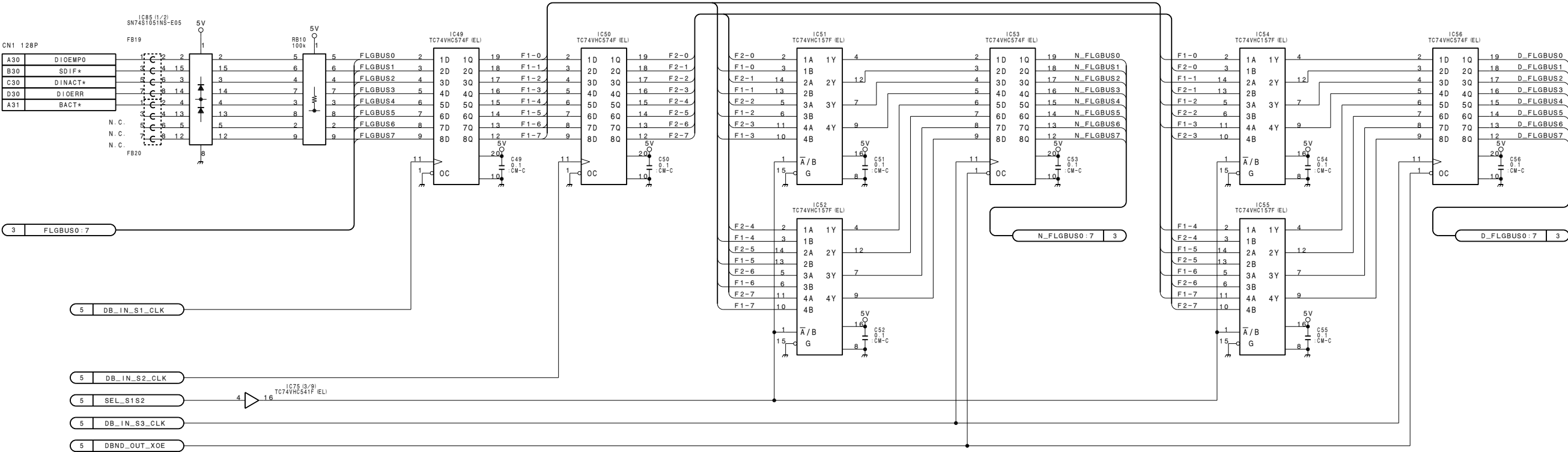
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



EDIT  
**ED-50 (2/5)**  
BOARD NO. 1-658-948-13  
B-PCM3348HR-ED50-S/M

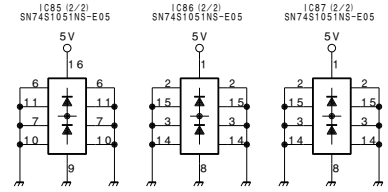
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

1

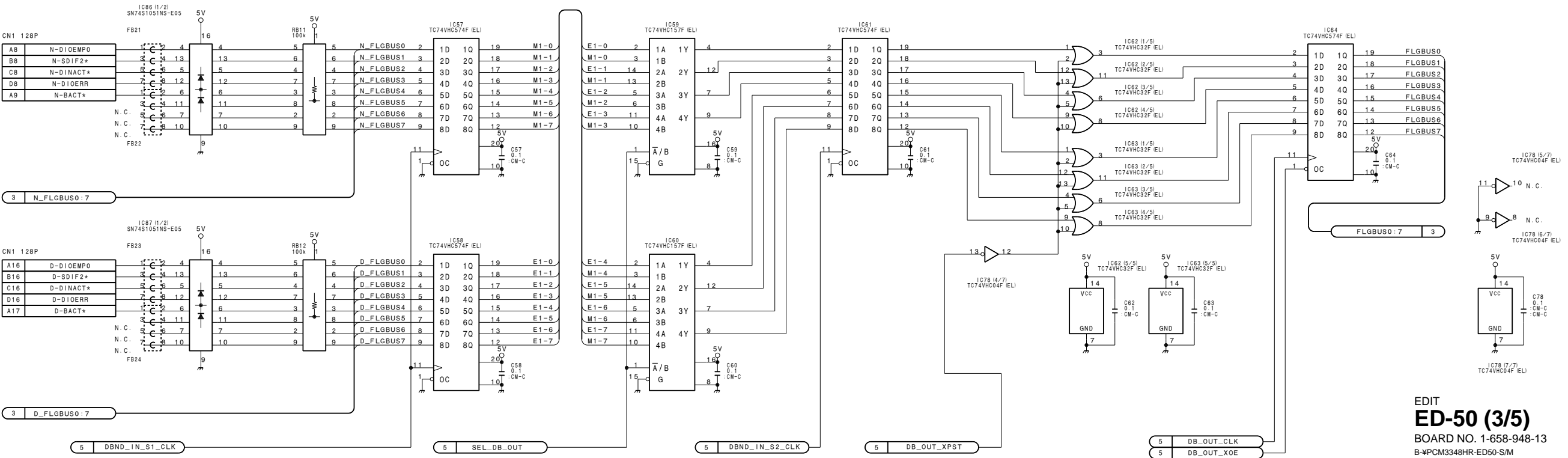


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3



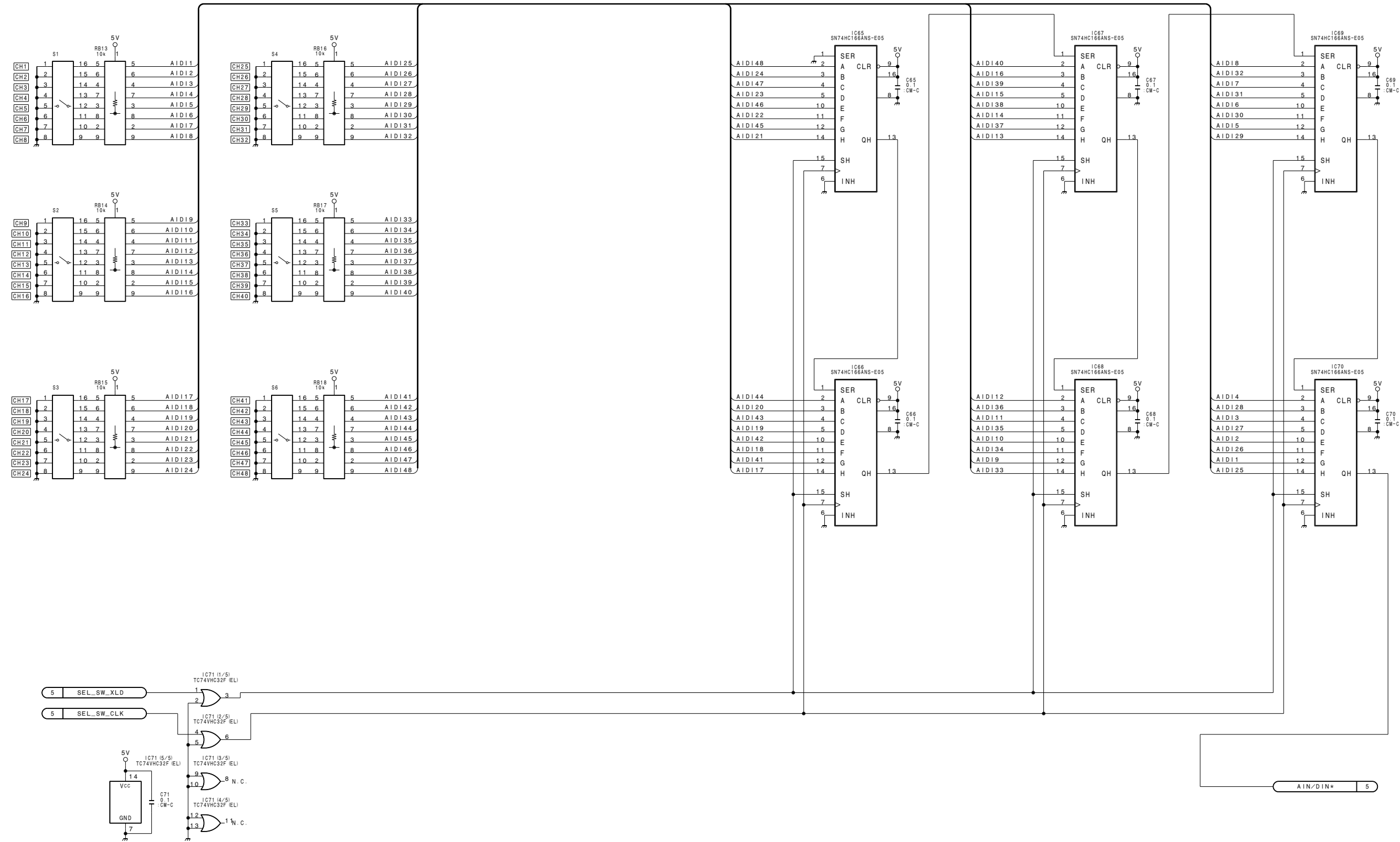
4



5

EDIT  
**ED-50 (3/5)**  
BOARD NO. 1-658-948-13  
B-PCM3348HR-ED50-S/M

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



EDIT  
**ED-50 (4/5)**  
BOARD NO. 1-658-948-13  
B-YPCM3348HR-ED50-S/M

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

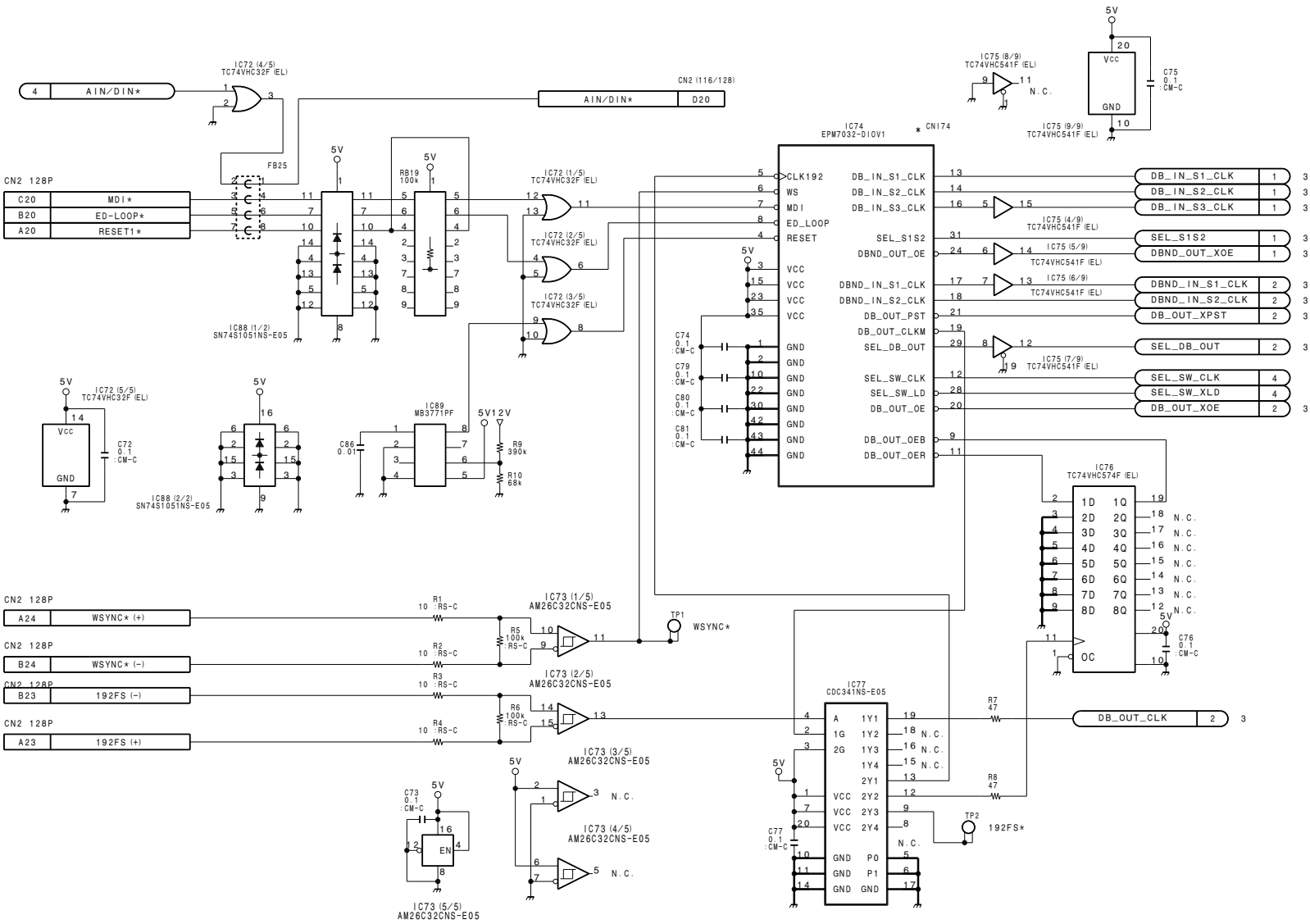
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CN2 128P

A29	+5V
B29	+5V
C29	+5V
D29	+5V
A30	+5V
B30	+5V
C30	+5V
D30	+5V

CN2 128P

A1	DGND
B1	DGND
C1	DGND
D1	DGND
A31	DGND
B31	DGND
C31	DGND
D31	DGND
B32	DGND
C32	DGND
D32	DGND
A32	FG

CN1 128P

A1	DGND
B1	DGND
C1	DGND
D1	DGND
A18	DGND
B18	DGND
C18	DGND
D18	DGND
A19	DGND
B19	DGND
C19	DGND
D19	DGND
A20	DGND
B20	DGND
C20	DGND
D20	DGND
A21	DGND
B21	DGND
C21	DGND
D21	DGND
A22	DGND
B22	DGND
C22	DGND
D22	DGND
A23	DGND
B23	DGND
C23	DGND
D23	DGND
A32	DGND
B32	DGND
C32	DGND
D32	DGND

CN1 128P

B9	N.C.
C9	N.C.
D9	N.C.
B17	N.C.
C17	N.C.
D17	N.C.
B31	N.C.
C31	N.C.
D31	N.C.

CN2 128P

A2	DGND
A3	DGND
A4	DGND
A5	DGND
A6	DGND
A7	DGND
A8	DGND
A9	DGND
A10	DGND
A11	DGND
A12	DGND
B2	DGND
B3	DGND
B4	DGND
B5	DGND
B6	DGND
B7	DGND
B8	DGND
B9	DGND
B10	DGND
B11	DGND
B12	DGND
C2	DGND
C3	DGND
C4	DGND
C5	DGND
C6	DGND
C7	DGND
C8	DGND
C9	DGND
C10	DGND
C11	DGND
C12	DGND
D2	DGND
D3	DGND
D4	DGND
D5	DGND
D6	DGND
D7	DGND
D8	DGND
D9	DGND
D10	DGND
D11	DGND
D12	DGND

CN2 128P

A13	N.C.
A14	N.C.
A15	N.C.
A16	N.C.
A17	N.C.
A18	N.C.
A19	N.C.
B13	N.C.
B14	N.C.
B15	N.C.
B16	N.C.
B17	N.C.
B18	N.C.
B19	N.C.
C13	N.C.
C14	N.C.
C15	N.C.
C16	N.C.
C17	N.C.
C18	N.C.
C19	N.C.
D13	N.C.
D14	N.C.
D15	N.C.
D16	N.C.
D17	N.C.
D18	N.C.
D19	N.C.

CN2 128P

A21	N.C.
A22	N.C.
B21	N.C.
B22	N.C.
C21	N.C.
C22	N.C.
D21	N.C.
D22	N.C.

CN2 128P

C23	BSYNC* (+)
C24	BSYNC* (+)
D23	BSYNC* (-)
D24	SSYNC* (-)

CN2 128P

A25	DGND
B25	DGND
C25	DGND
D25	DGND

CN2 128P

A26	AGND
B26	AGND
C26	AGND
D26	AGND

CN2 128P

A27	-12V
B27	-12V
C27	-12V
D27	-12V

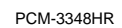
CN2 128P

A28	+12V
B28	+12V
C28	+12V
D28	+12V



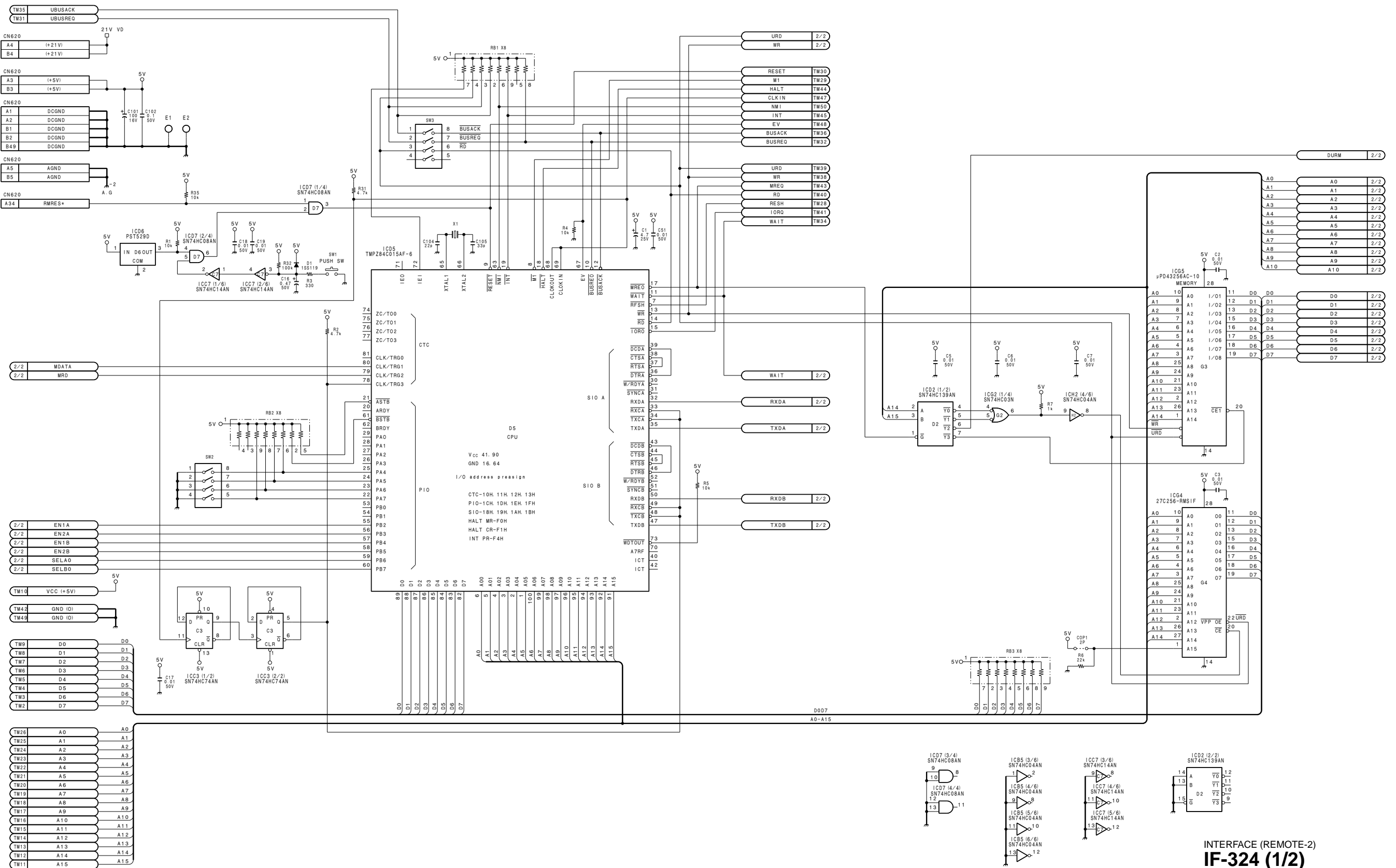


H



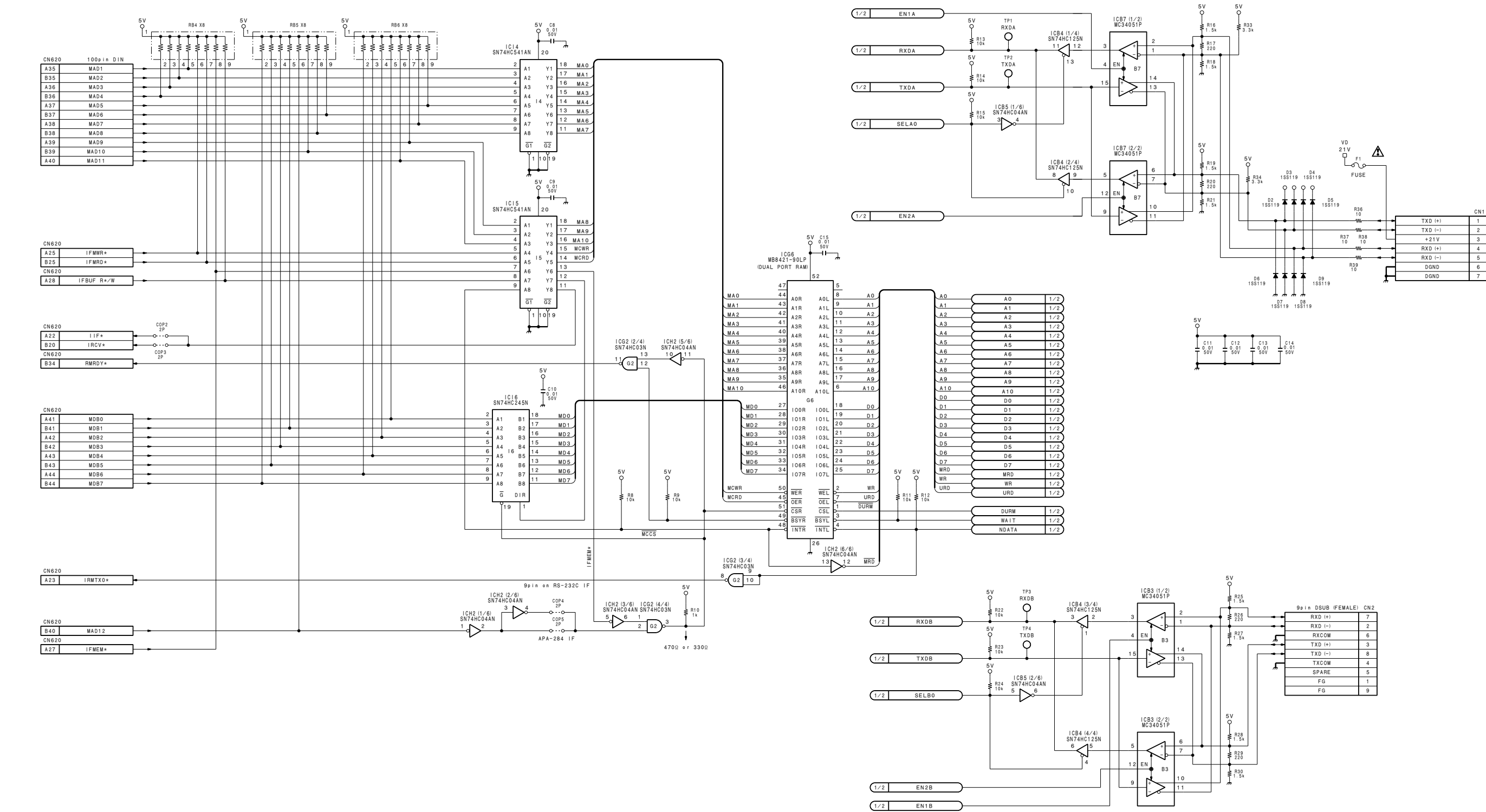


PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



INTERFACE (REMOTE-2)  
**IF-324 (1/2)**  
 BOARD NO. 1-642-474-11  
 B-¥PCM3348HR-IF324-S/M

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



INTERFACE (REMOTE-2)  
**IF-324 (2/2)**  
BOARD NO. 1-642-474-11  
B-VPCM3348HR-IF324-S/M

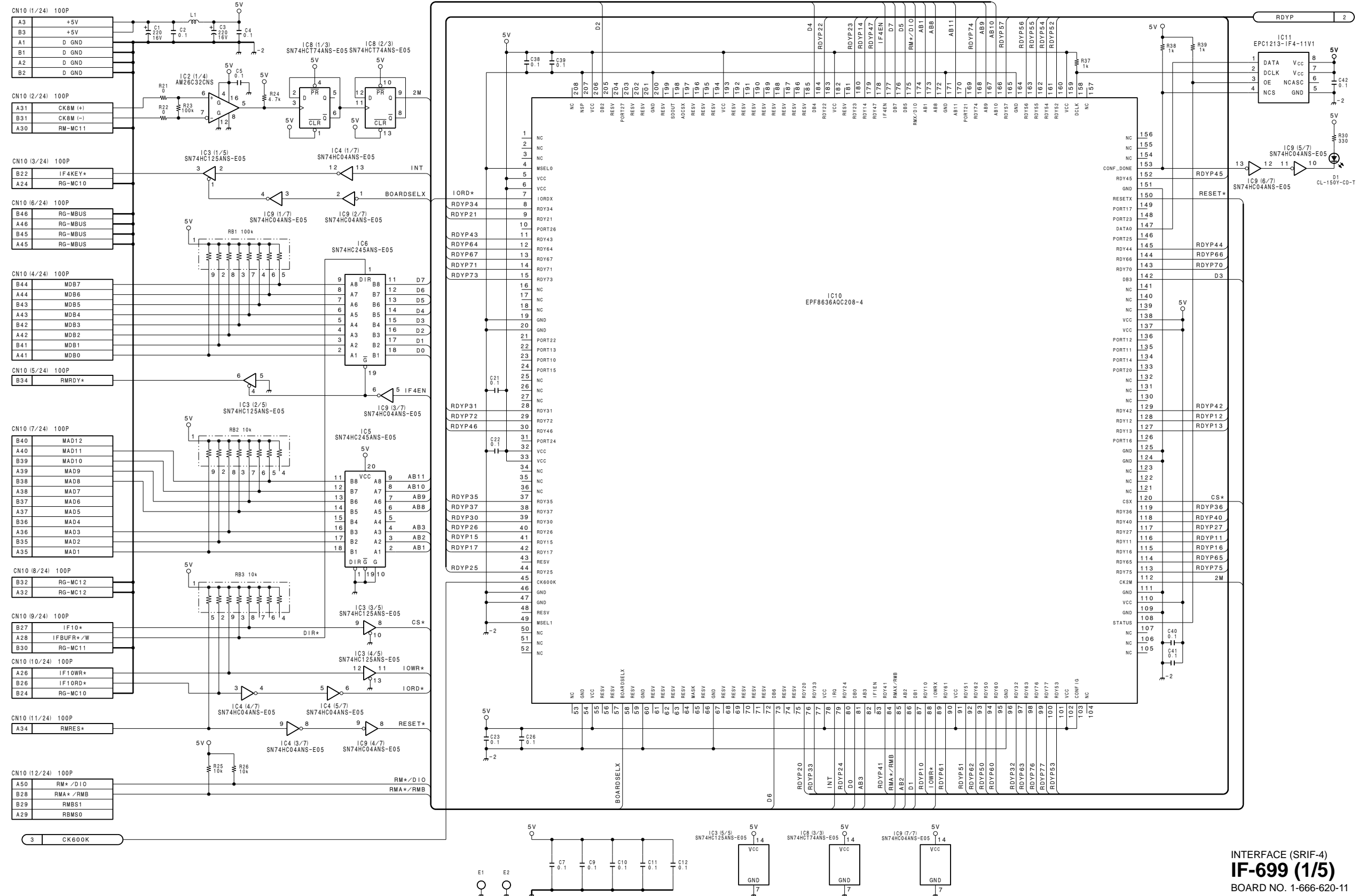




BOARD NO. 1-642-475-11  
B-¥PCM3348HR-IF326-S/M

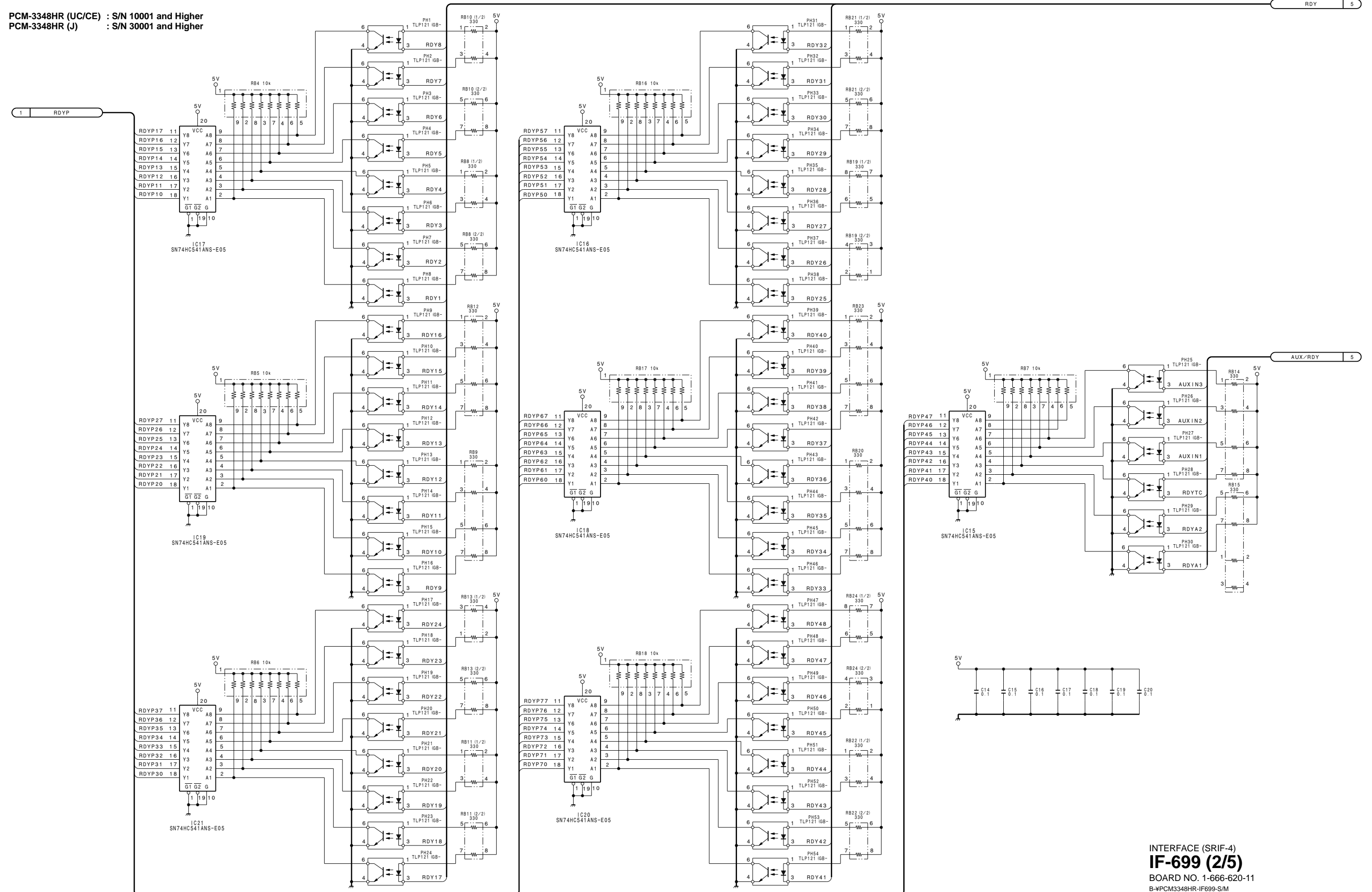


PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



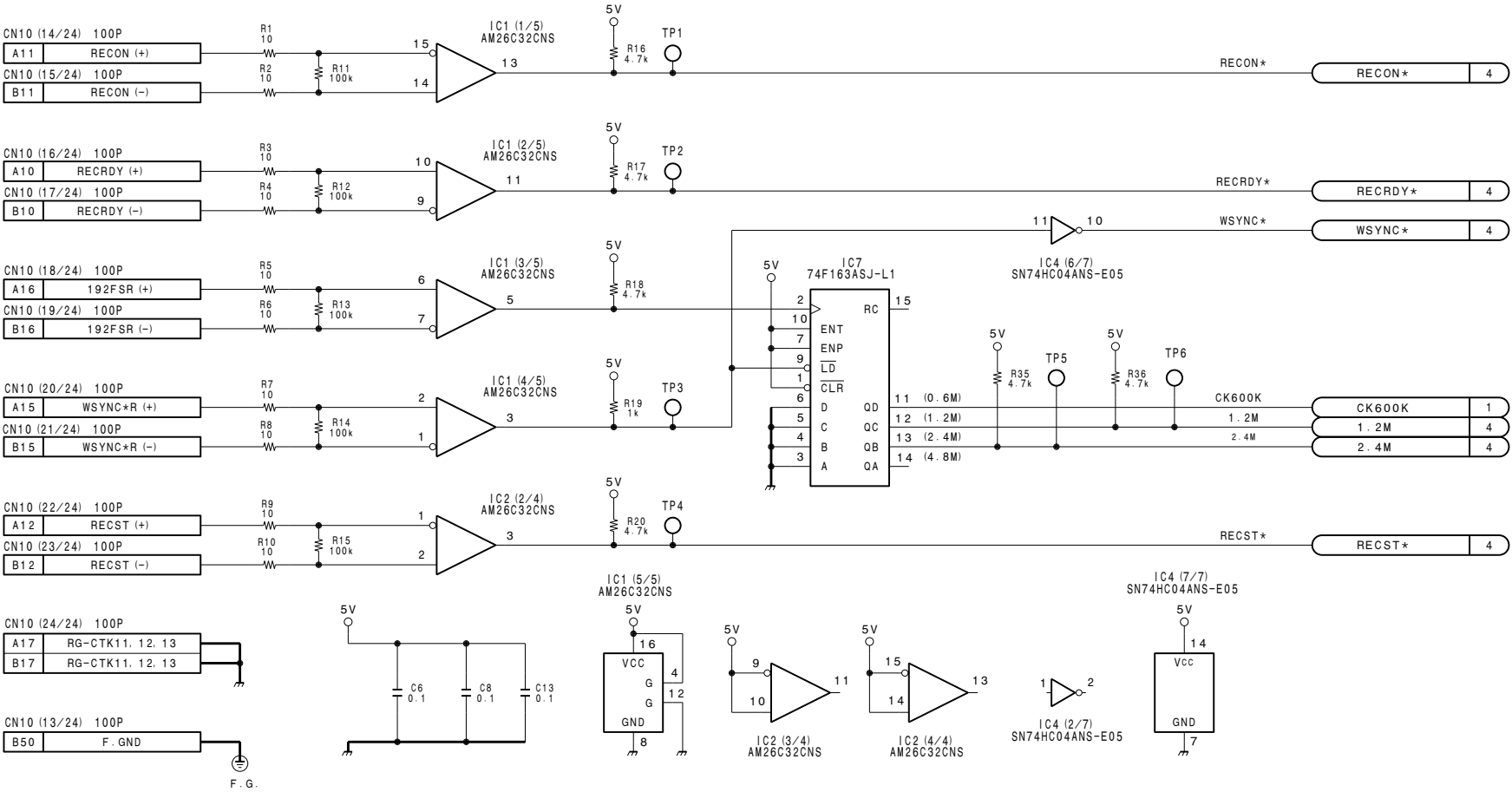
INTERFACE (SRIF-4)  
**IF-699 (1/5)**  
BOARD NO. 1-666-620-11  
B-¥PCM3348HR-IF699-S/M

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

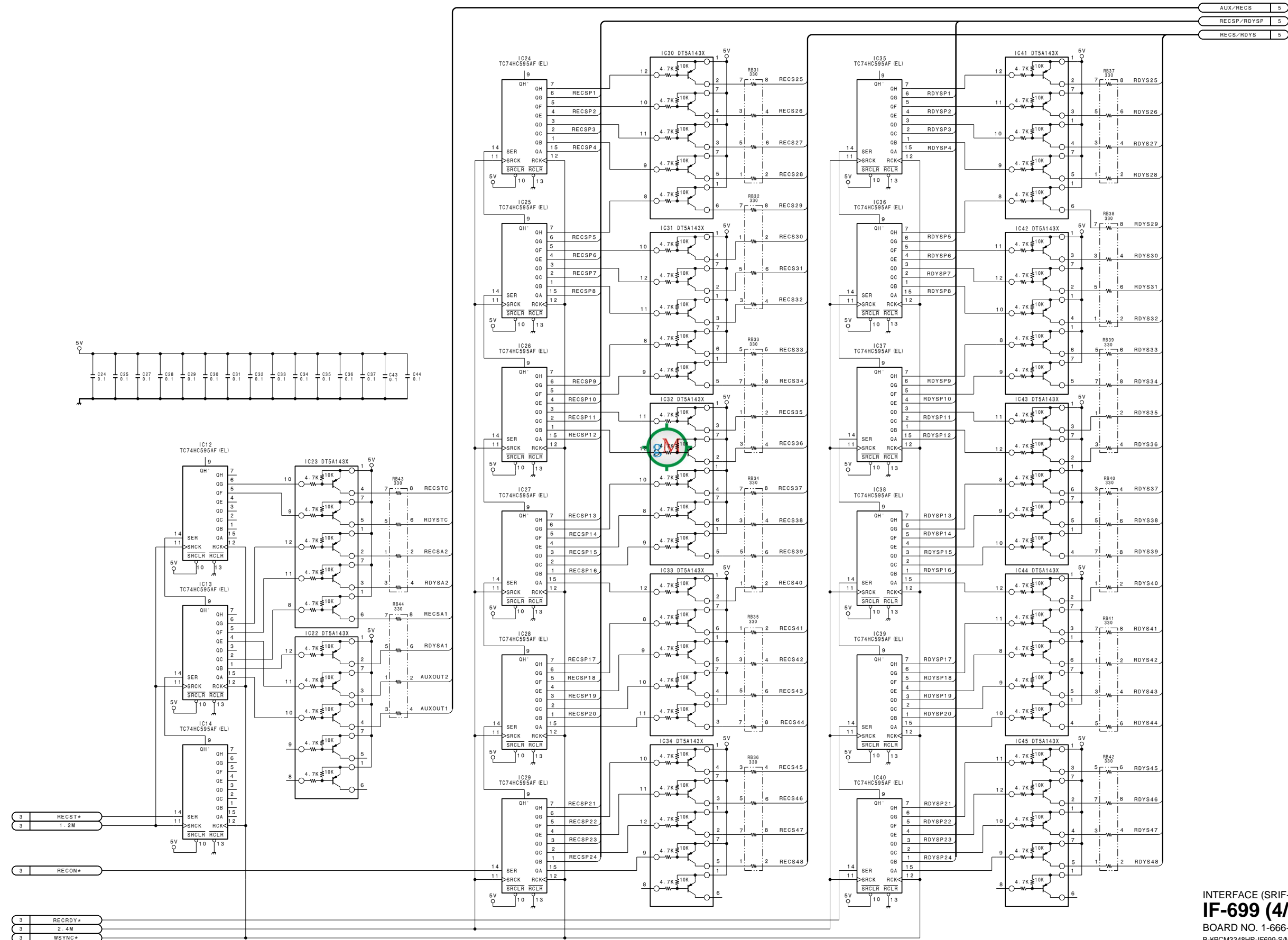


INTERFACE (SRIF-4)  
**IF-699 (2/5)**  
BOARD NO. 1-666-620-11  
B-WPCM3348HR-IF699-S/M

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



INTERFACE (SRIF-4)  
**IF-699 (4/5)**  
BOARD NO. 1-666-620-11  
B-PCM3348HR-IF699-S/M

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

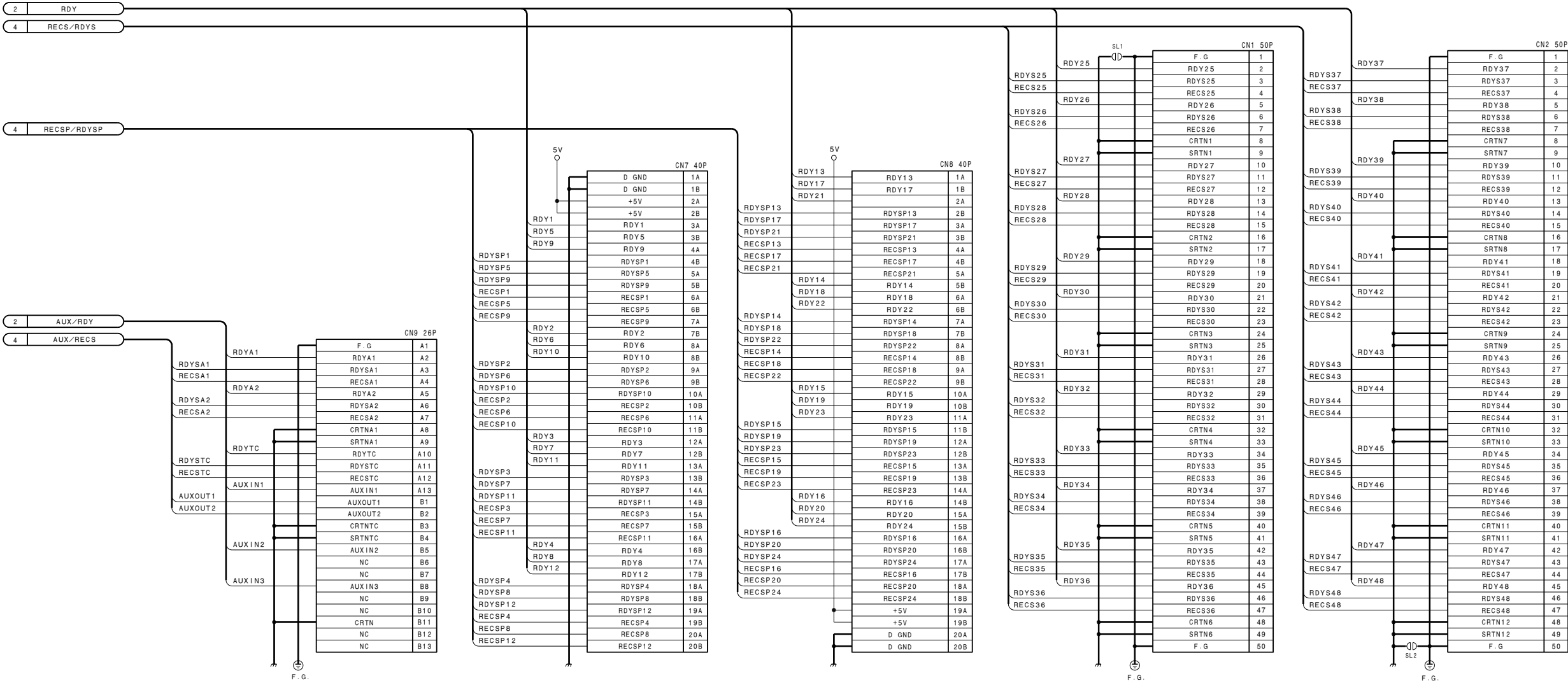
1

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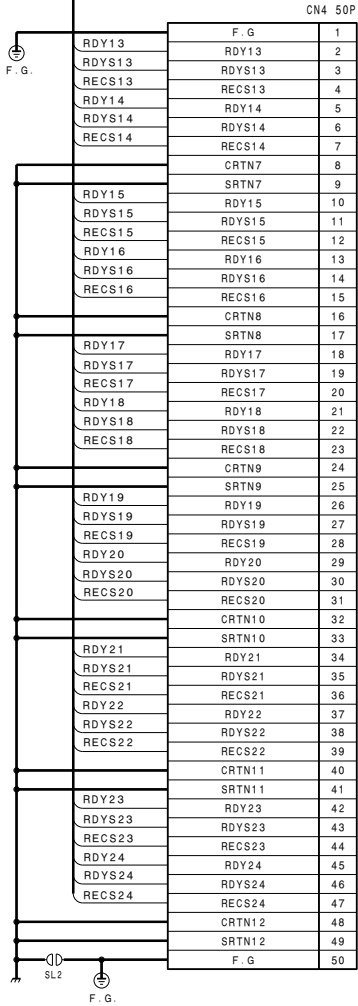
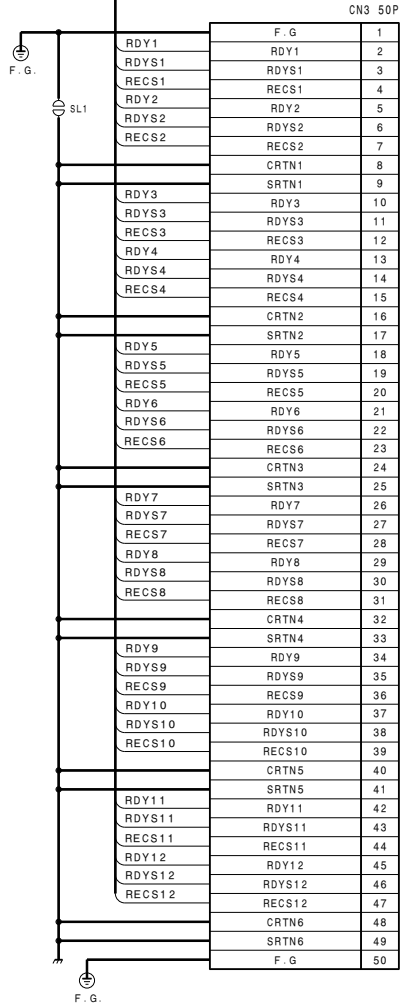
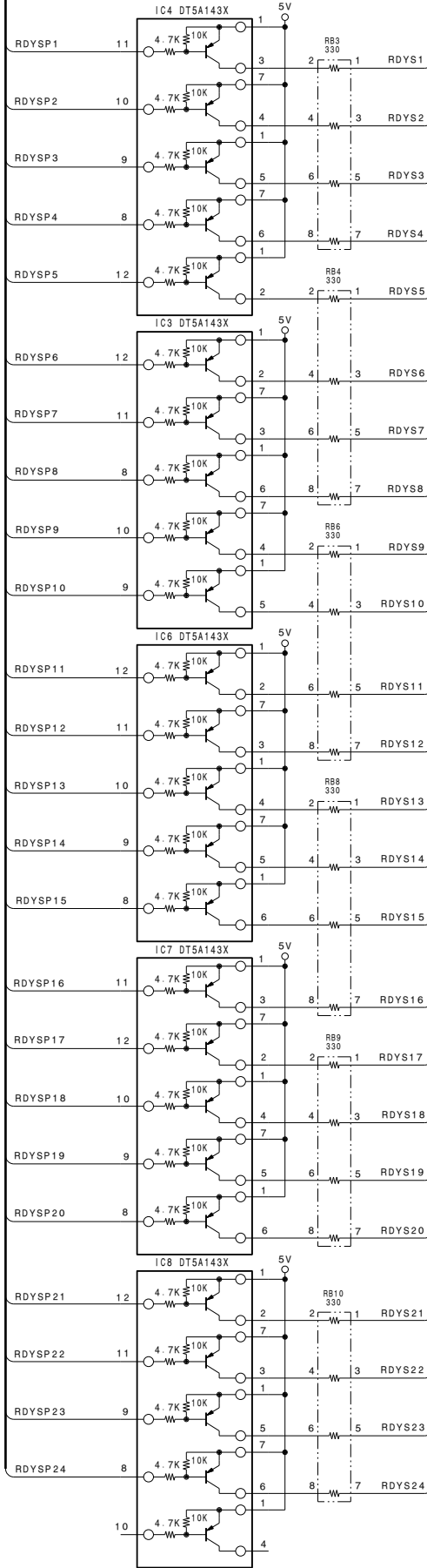
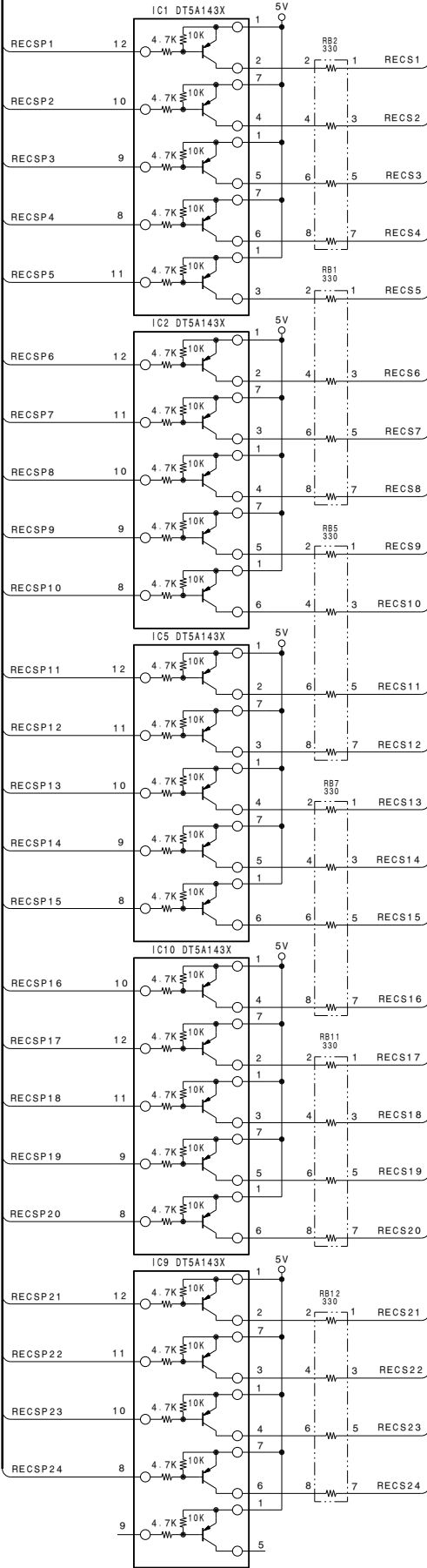
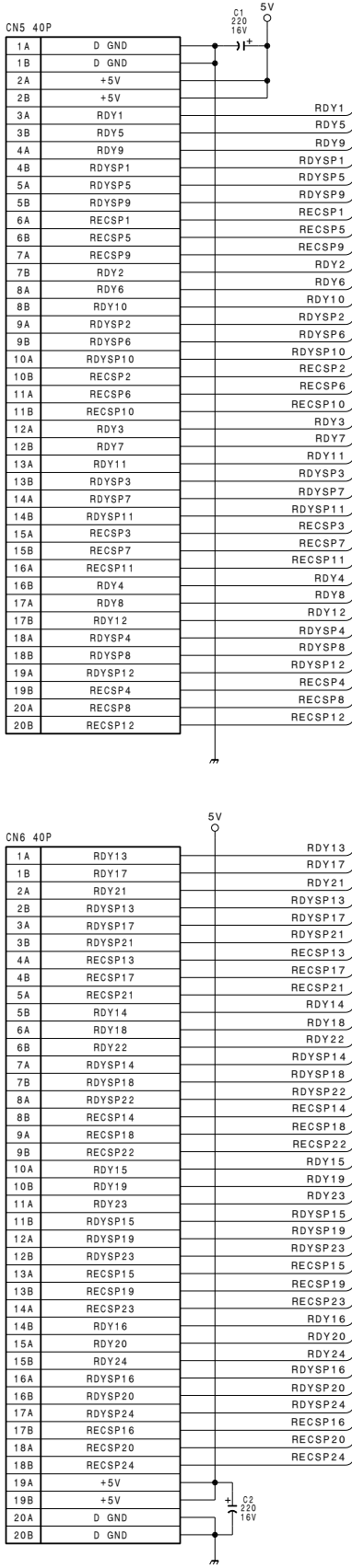
4

5



INTERFACE (SRIF-4)  
**IF-699 (5/5)**  
BOARD NO. 1-666-620-11  
B-WPCM3348HR-IF699-S/M

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

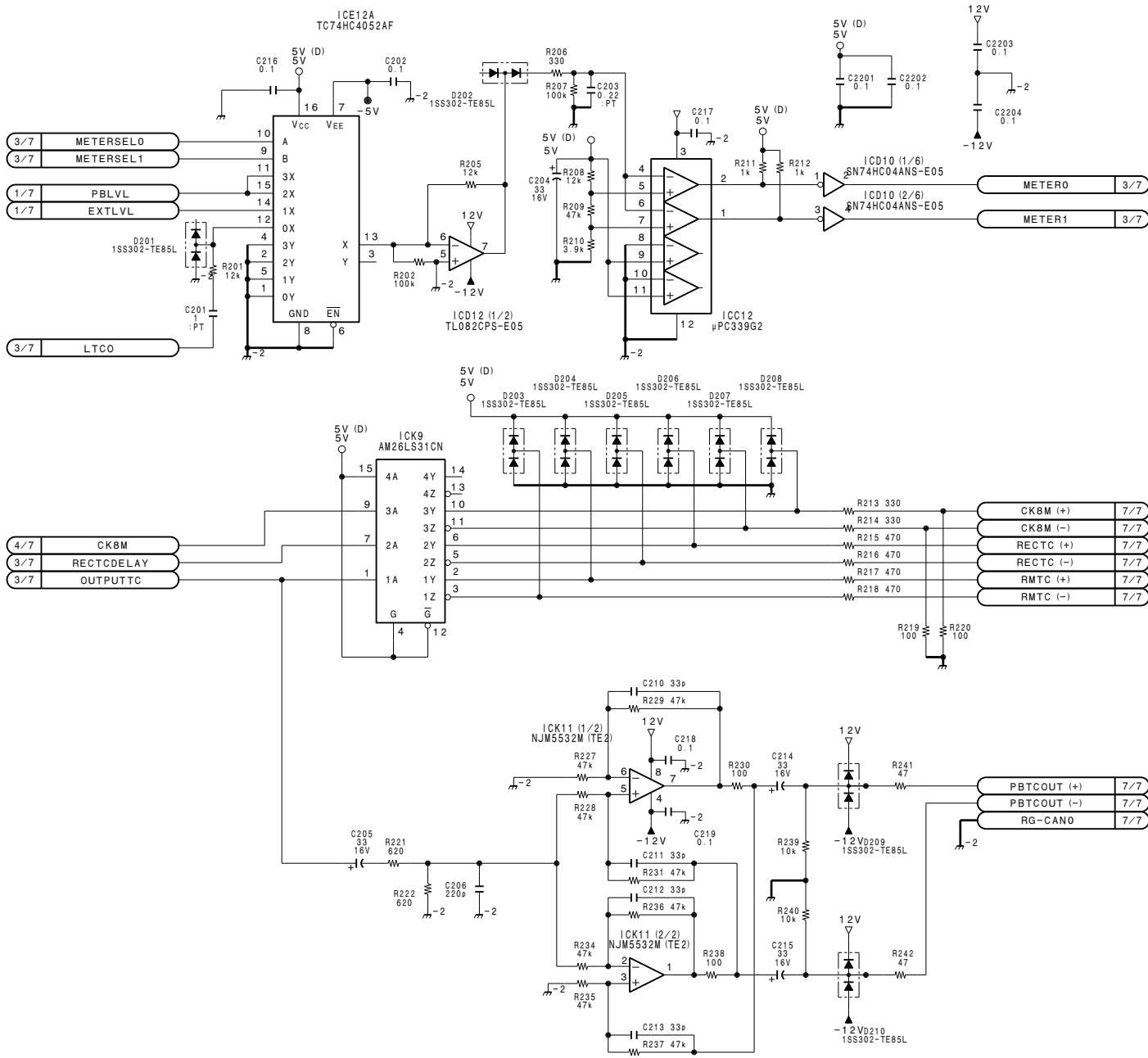


CONNECTOR  
**CN-1593**  
BOARD NO. 1-666-682-11  
B-PCM3348HR-CN1593-S/M





PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

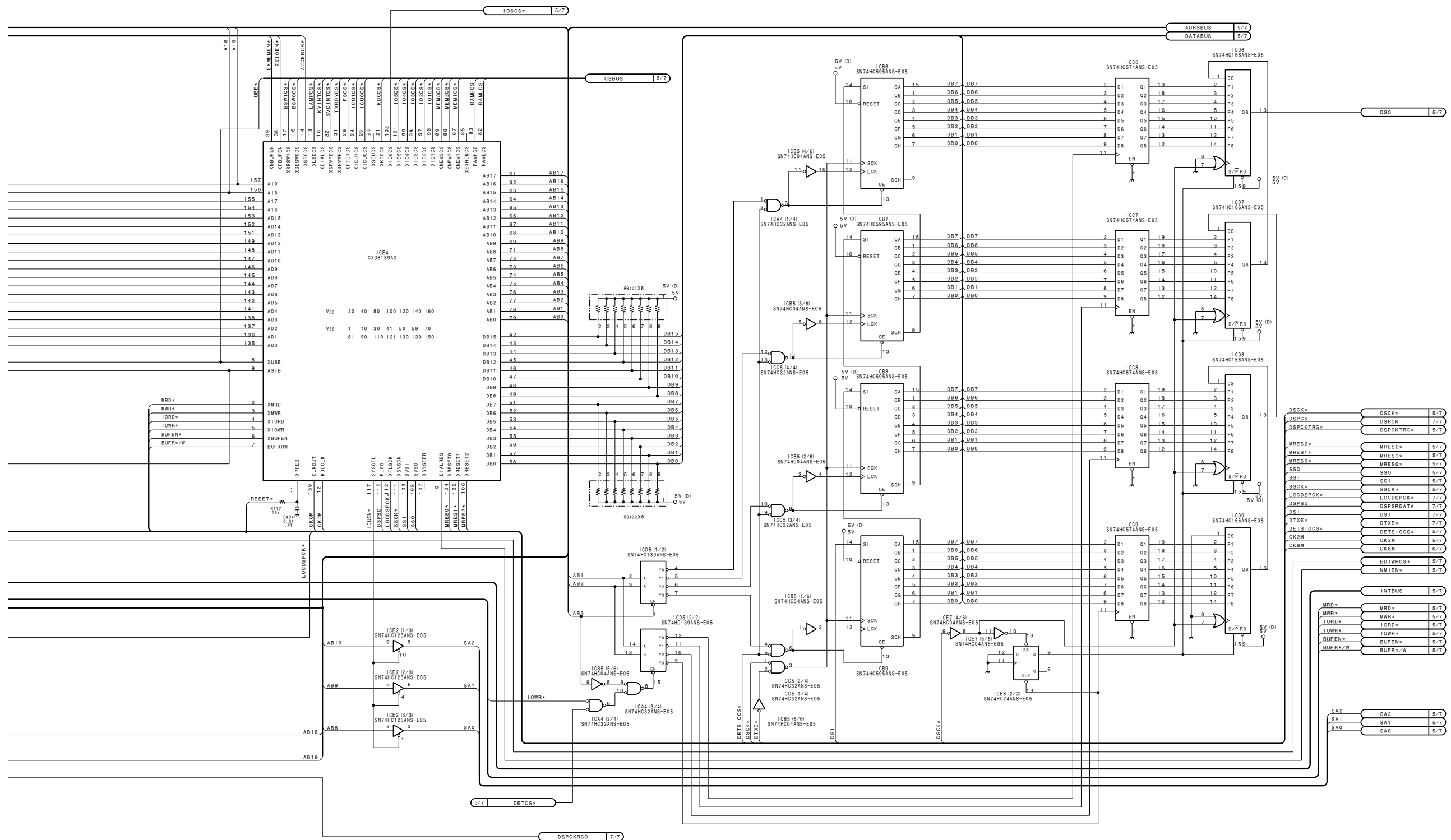


MAIN CPU  
**MC-53 (2/7)**  
BOARD NO. 1-658-949-13  
B-PCM3348HR-MC53-S/M









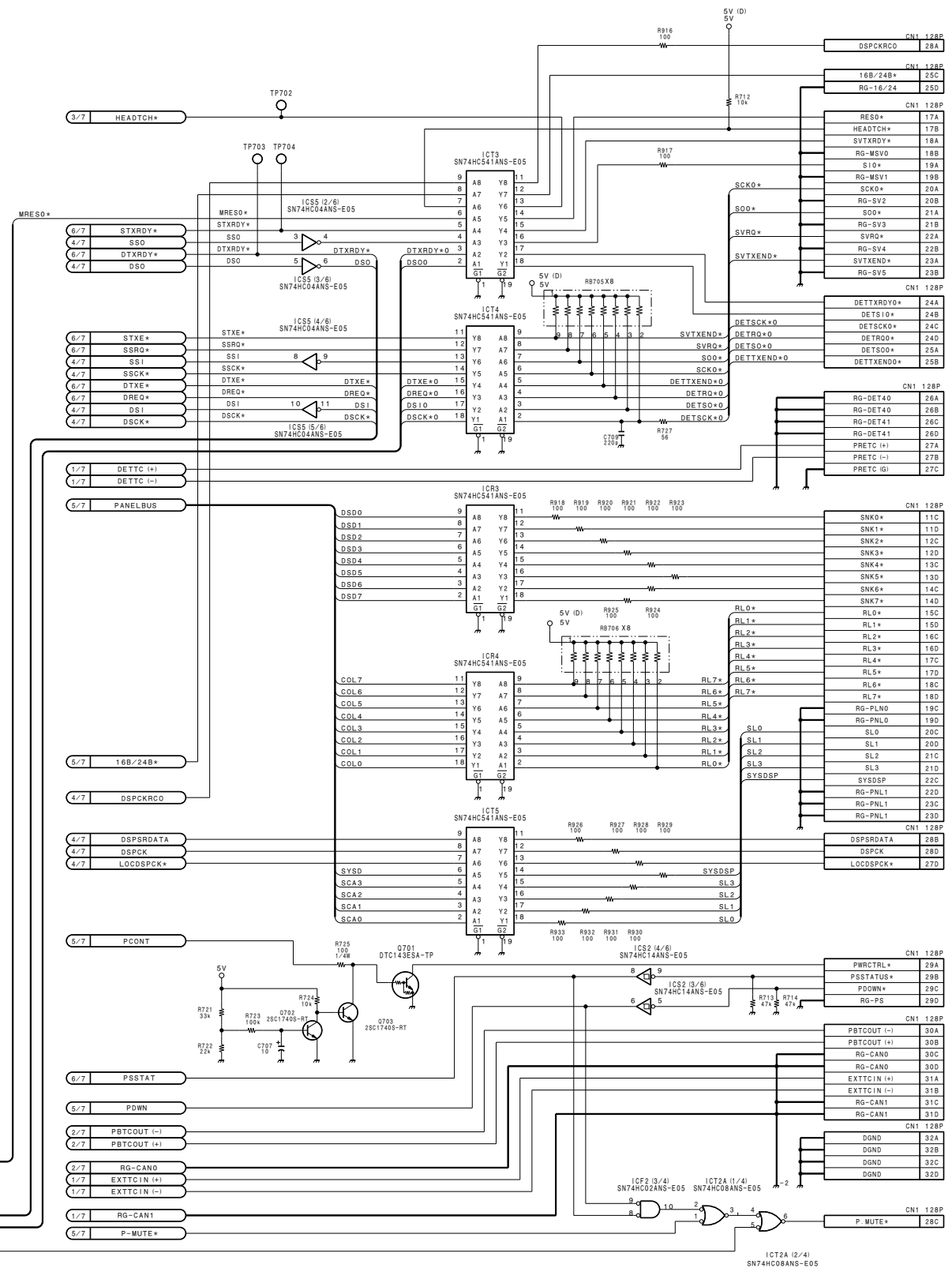
MAIN CPU  
**MC-53 (4/7)**  
BOARD NO. 1-658-949-13  
B-¥PCM3348HR-MC53-S/M





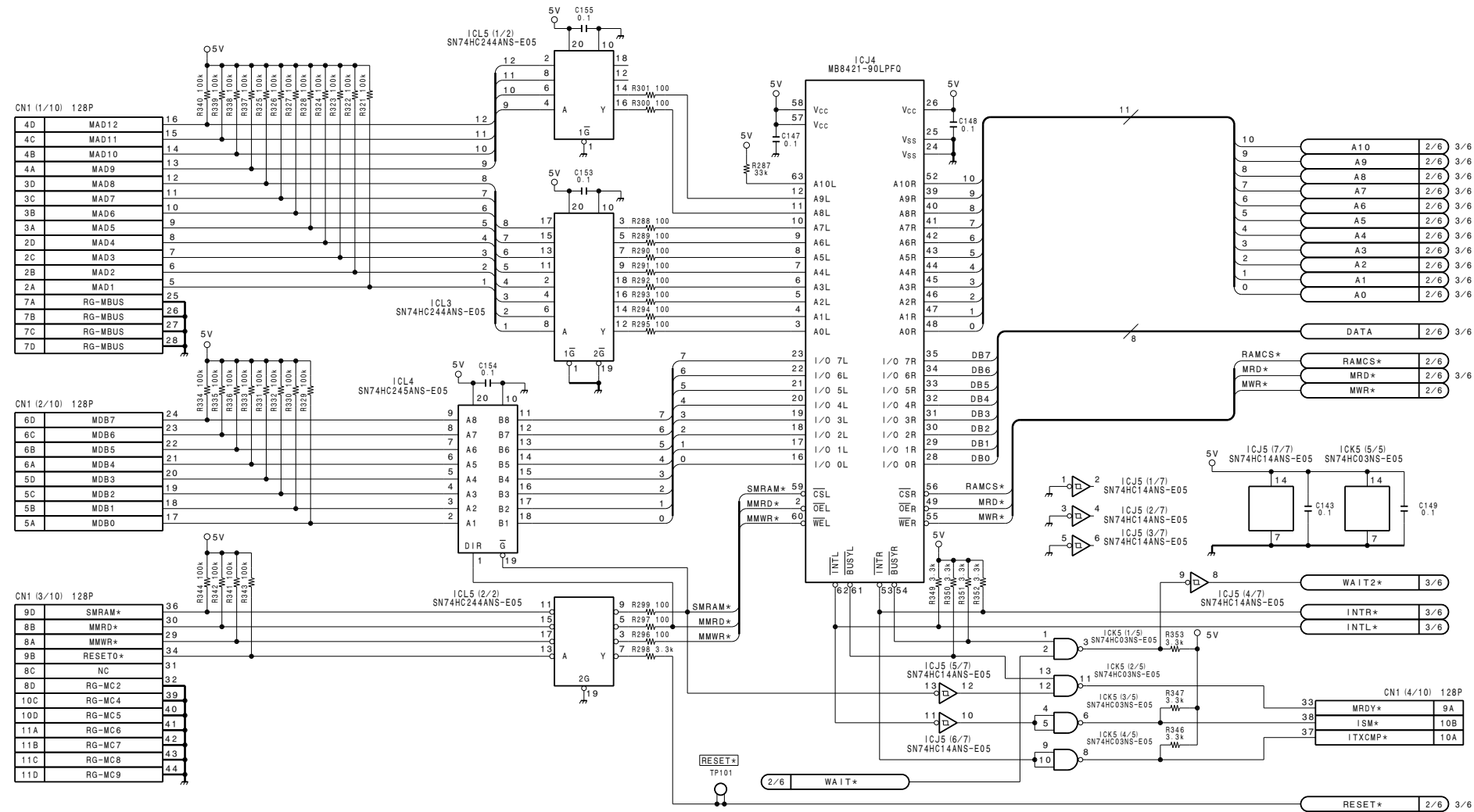






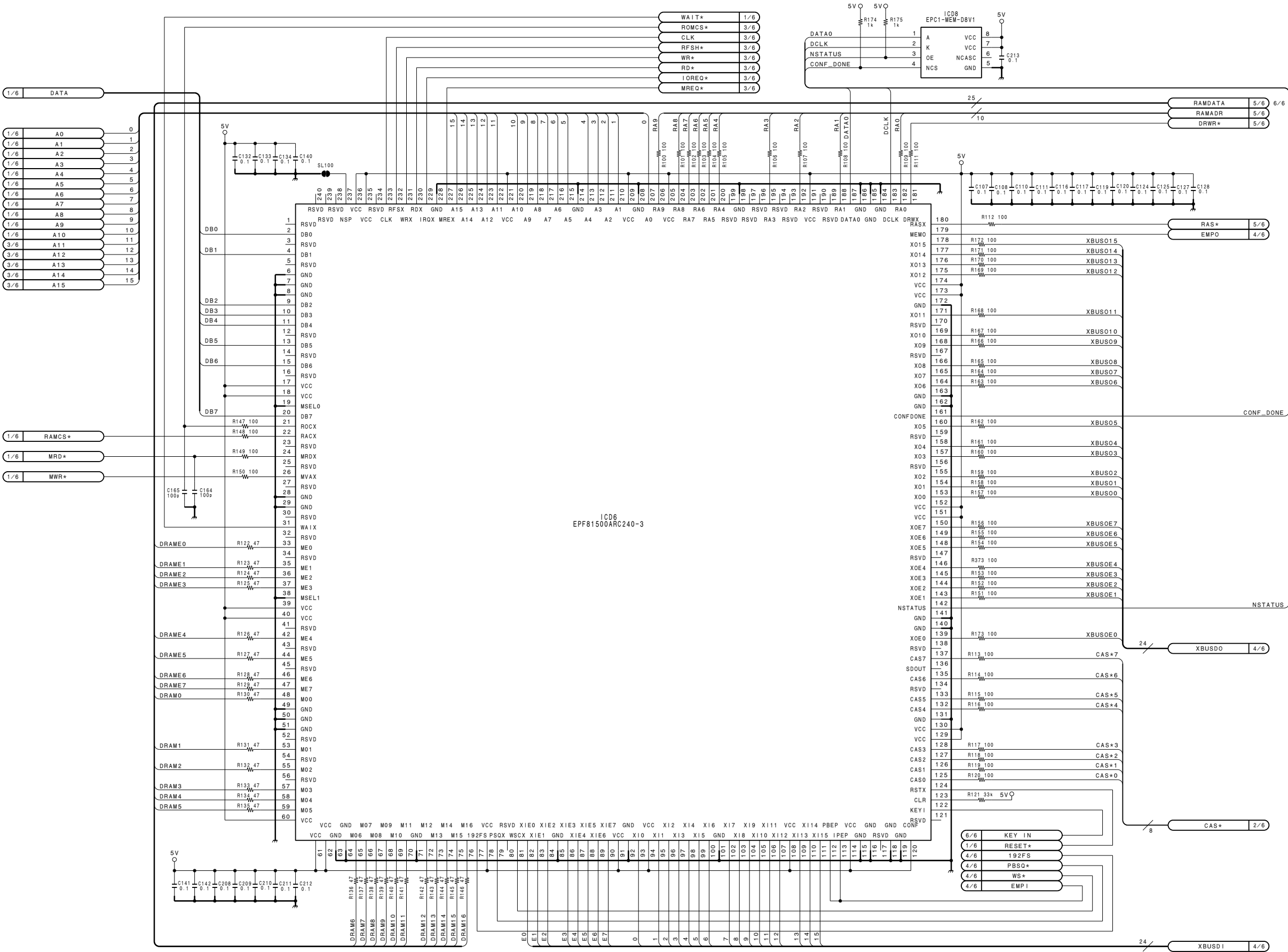
**P**

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



MEMORY  
**MEM-68 (1/6)**  
BOARD NO. 1-664-048-12  
B-¥PCM3348HR-MEM68-S/M

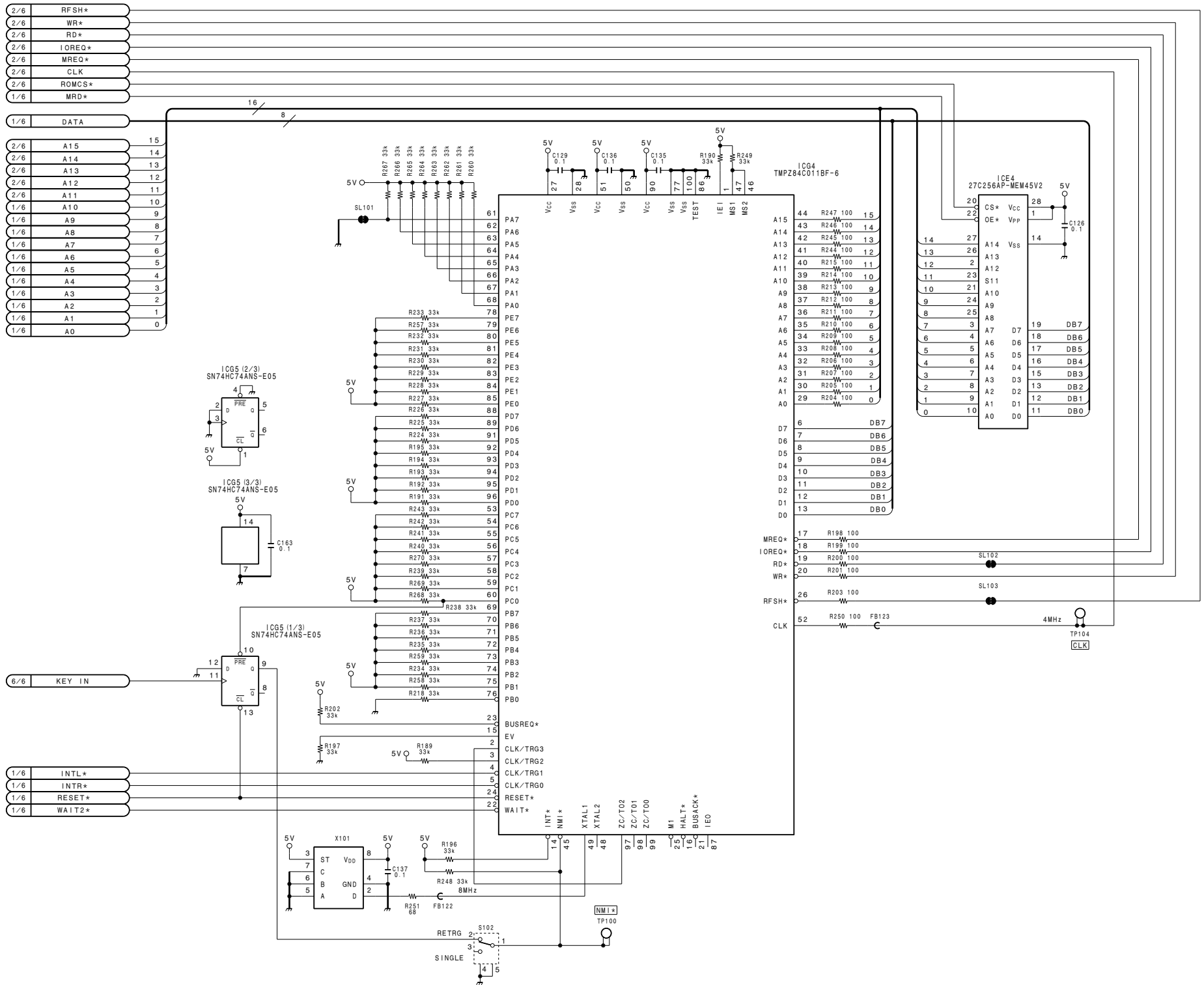
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



MEMORY  
**MEM-68 (2/6)**  
BOARD NO. 1-664-048-12  
B-WPCM3348HR-MEM68-S/M



PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



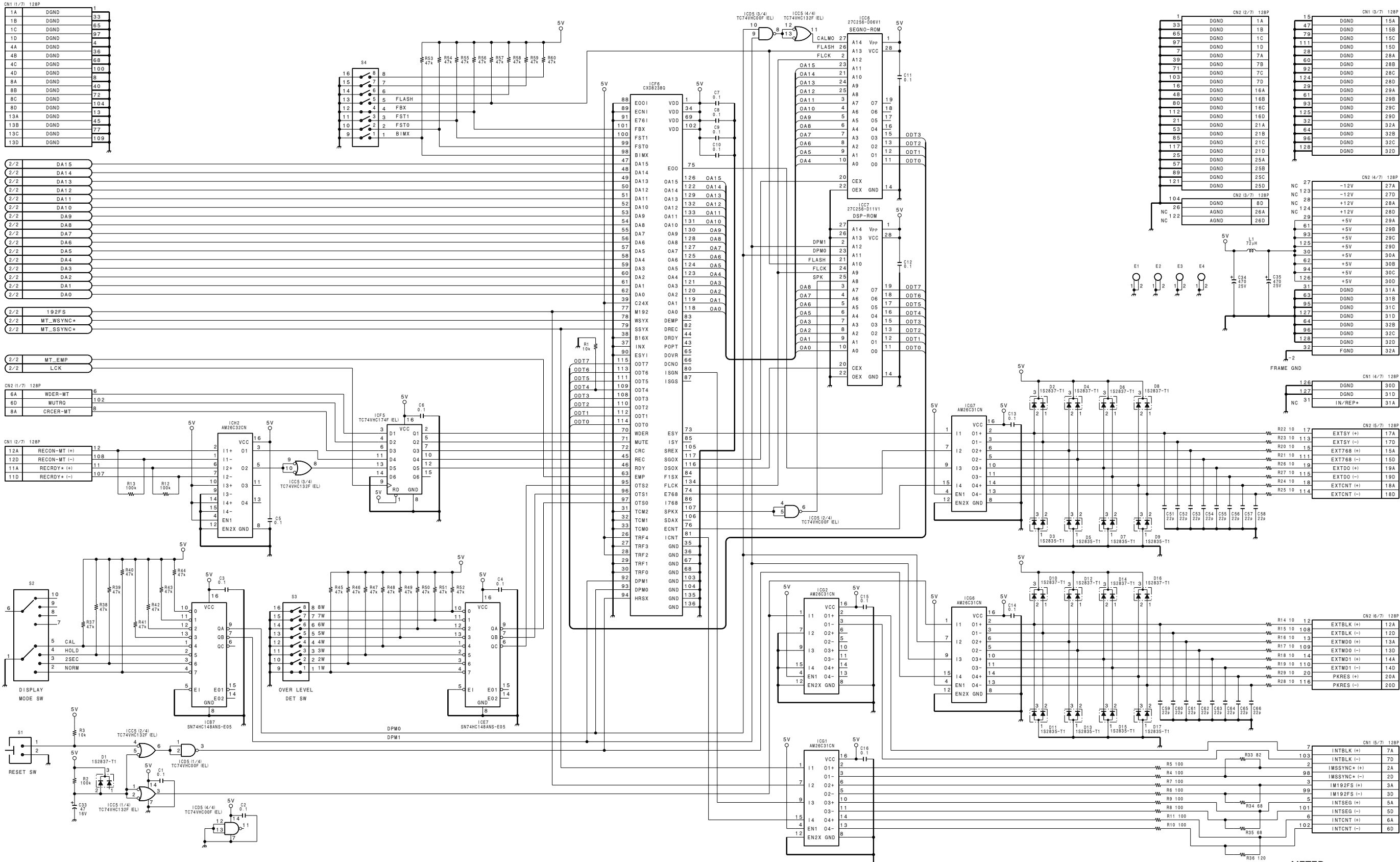
MEMORY  
**MEM-68 (3/6)**  
BOARD NO. 1-664-048-12  
B-PCM3348HR-MEM68-S/M





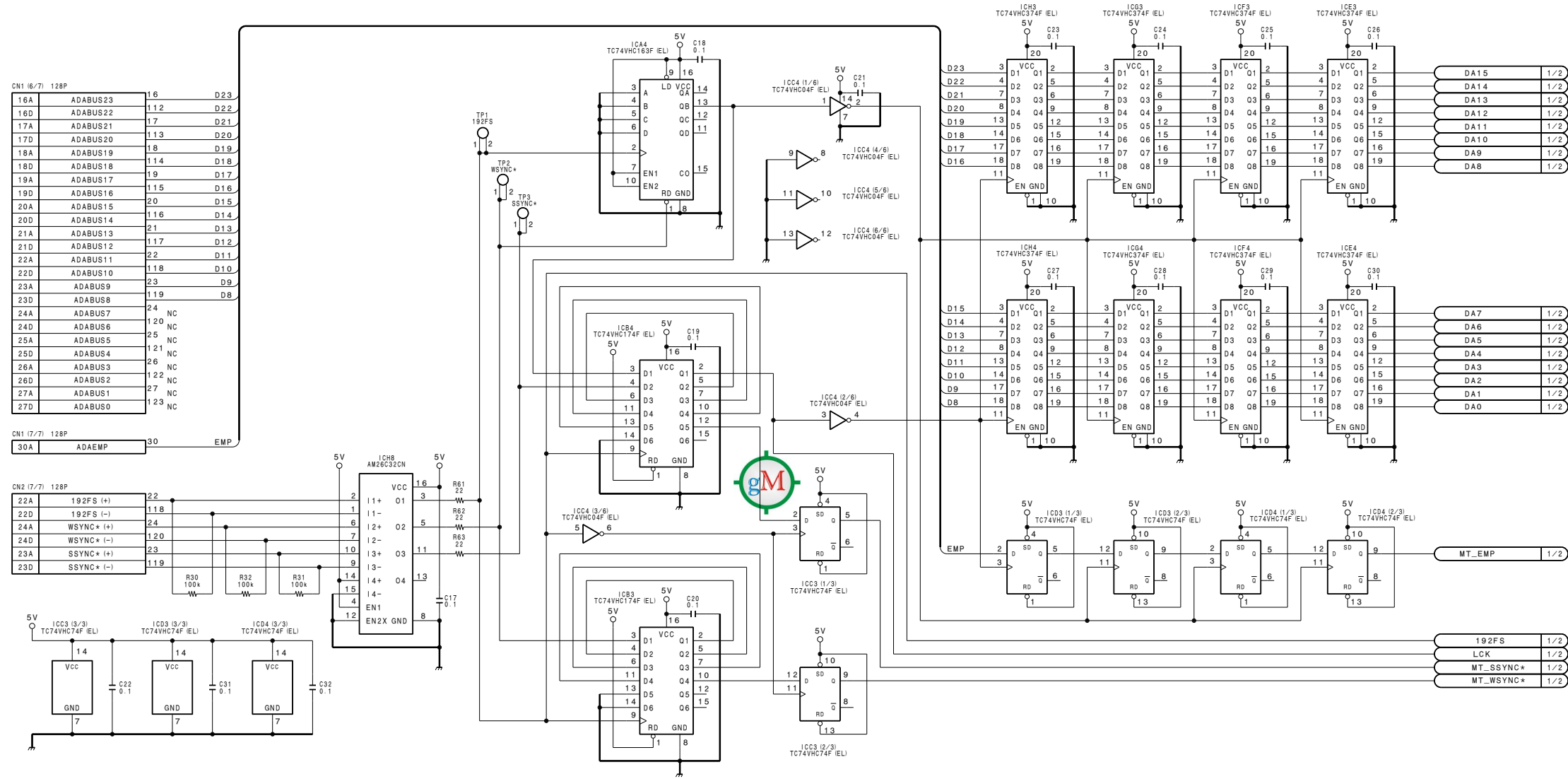


PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



METER  
**MT-128 (1/2)**  
BOARD NO. 1-664-049-11  
B-PCM3348HR-MT128-S/M

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



METER  
**MT-128 (2/2)**  
BOARD NO. 1-664-049-11  
B-PCM3348HR-MT128-S/M

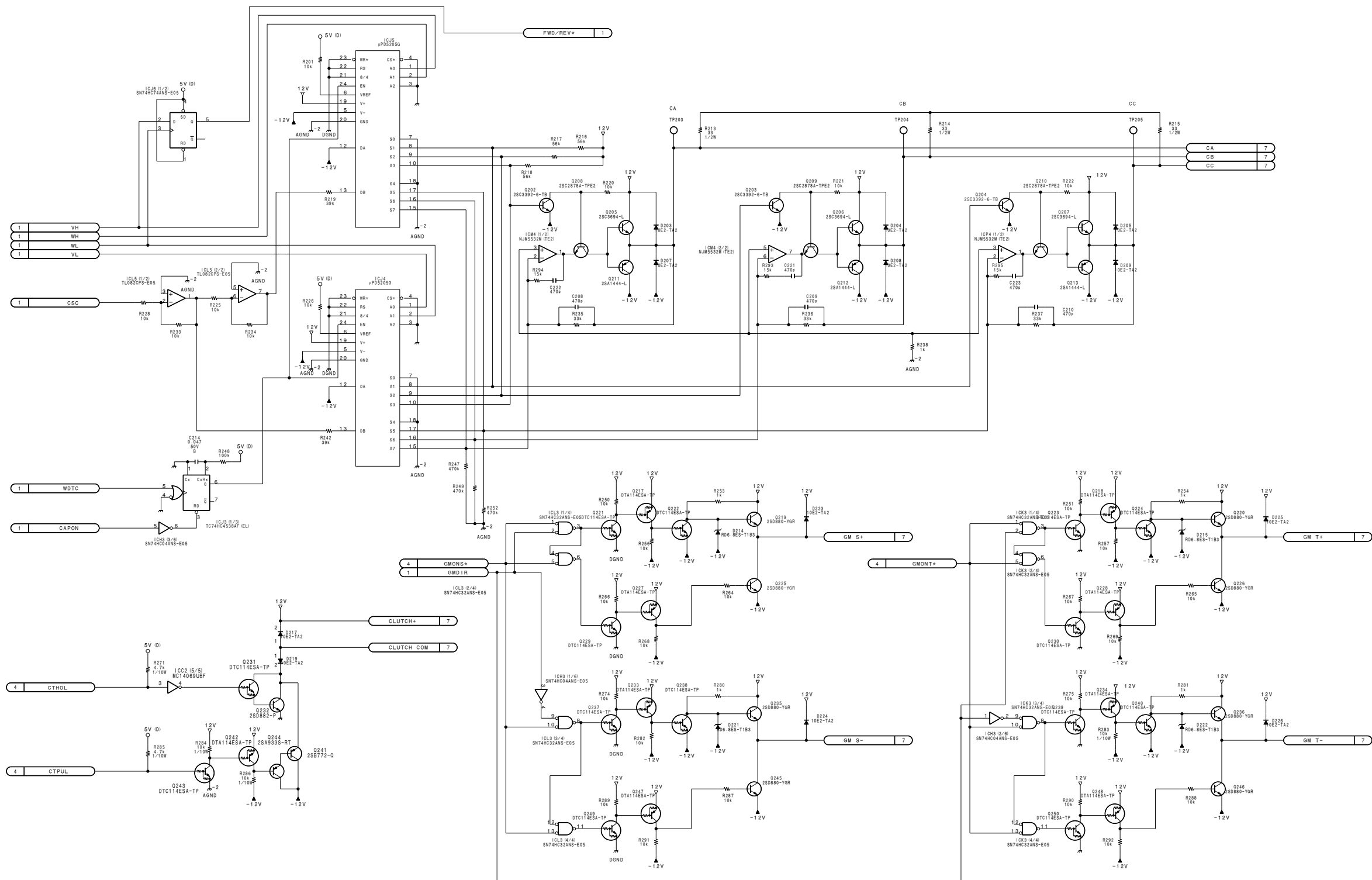








PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



SERVO CONTROL  
**SV-163 (3/7)**  
BOARD NO. 1-658-943-12  
B-#PCM3348HR-SV163-S/M

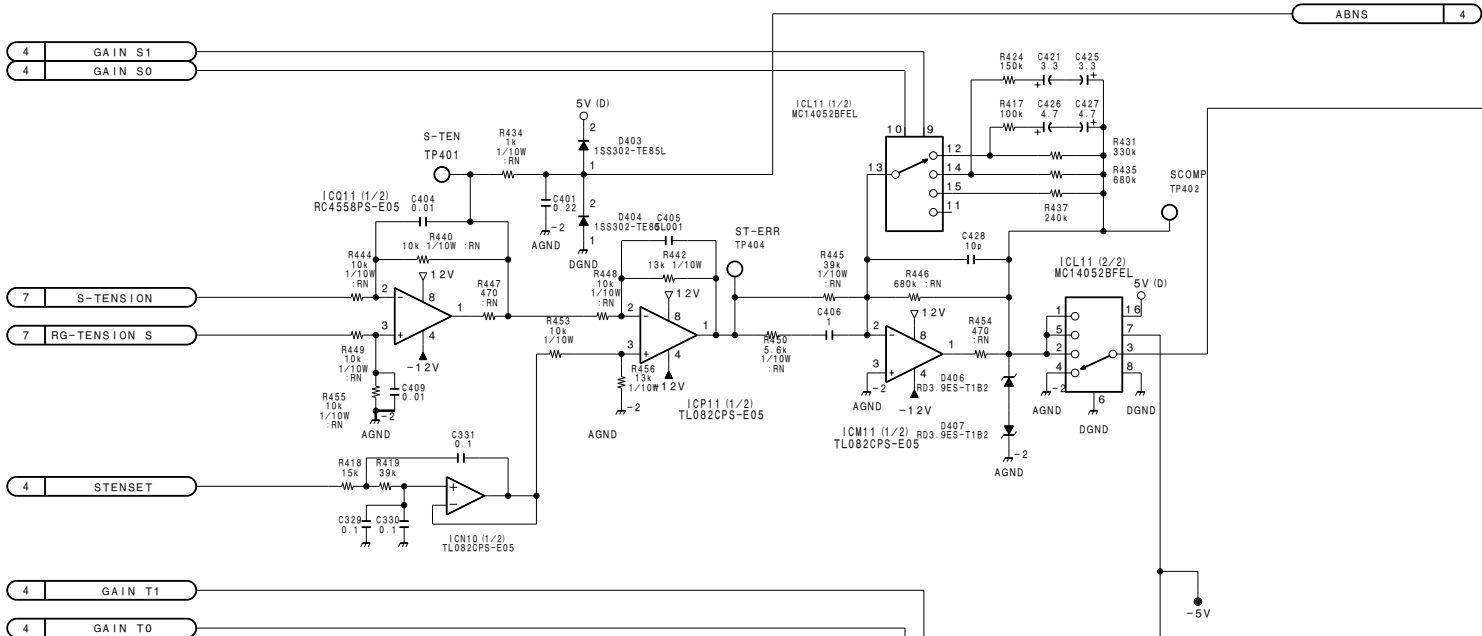




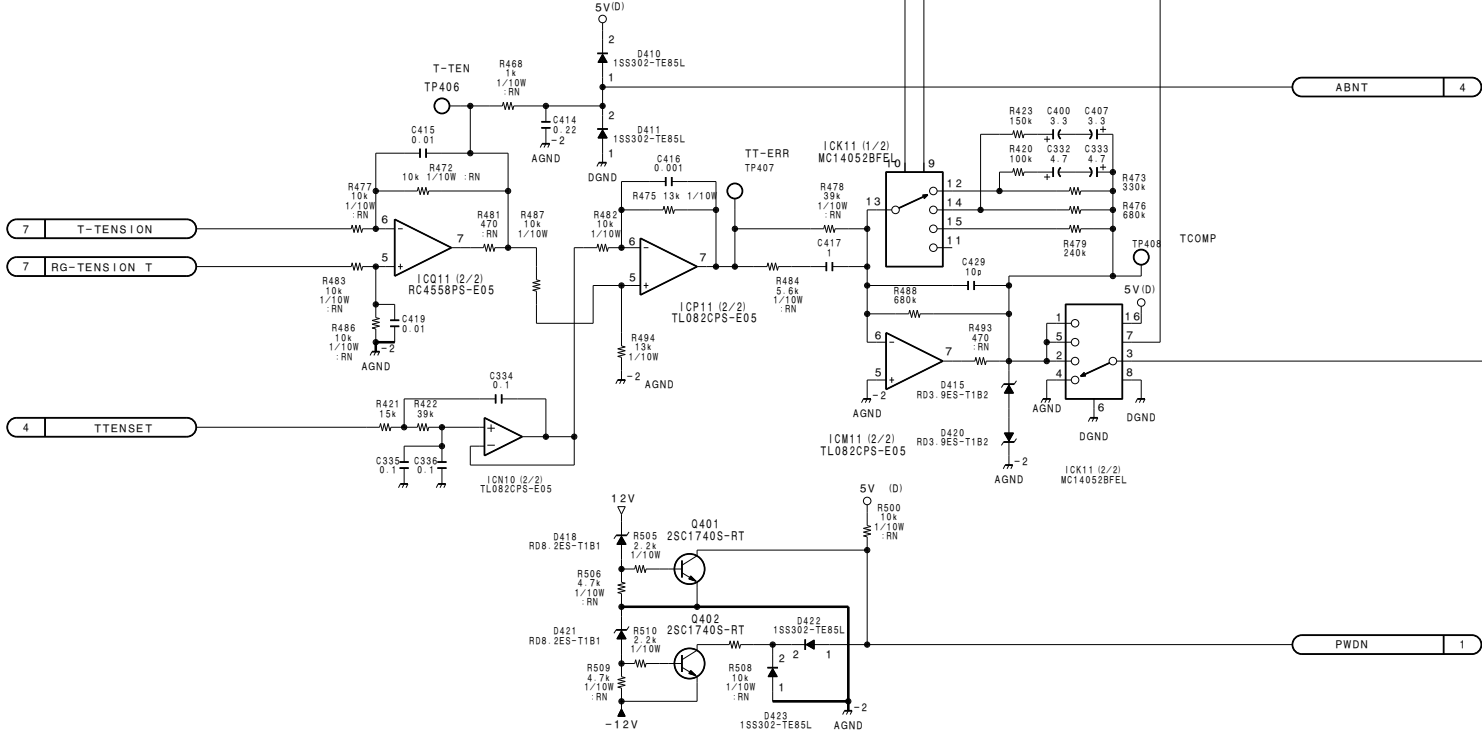


PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

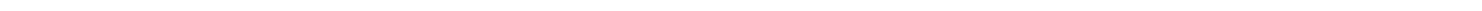
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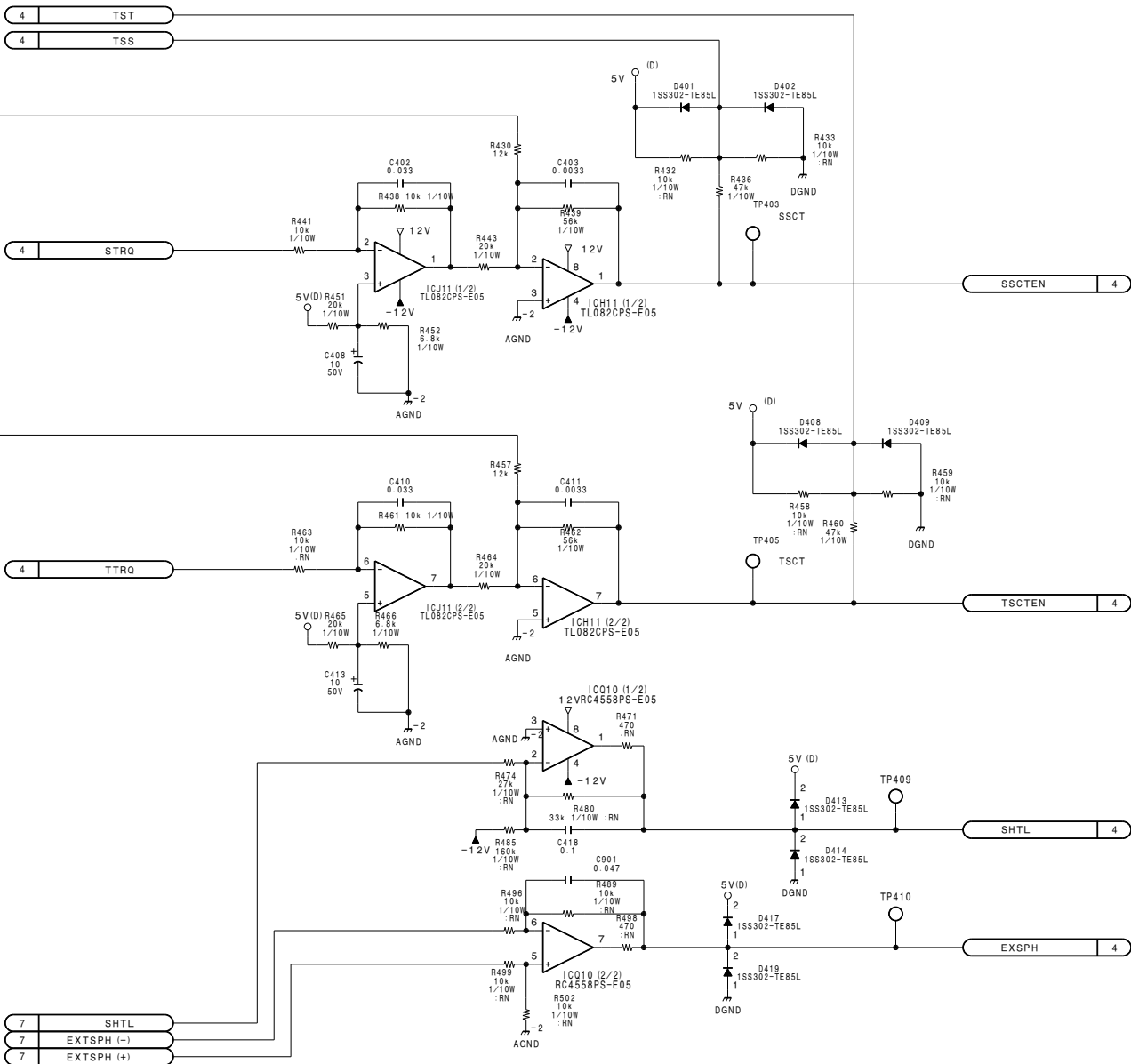
2



4

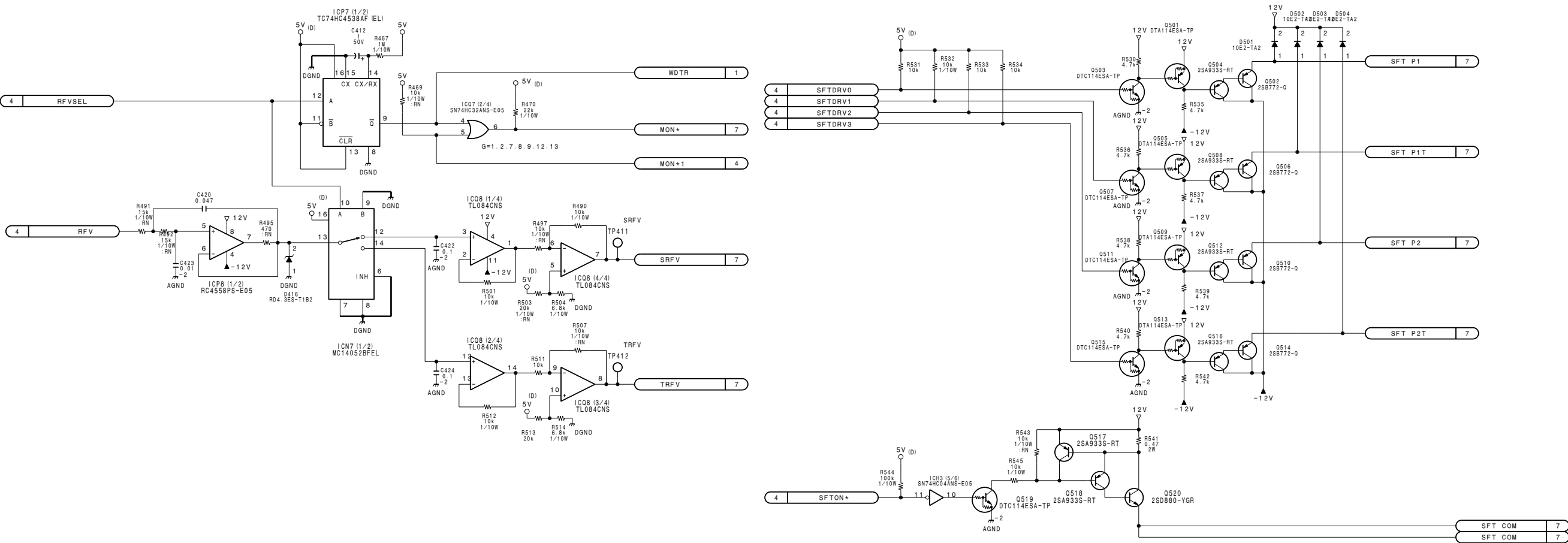


5



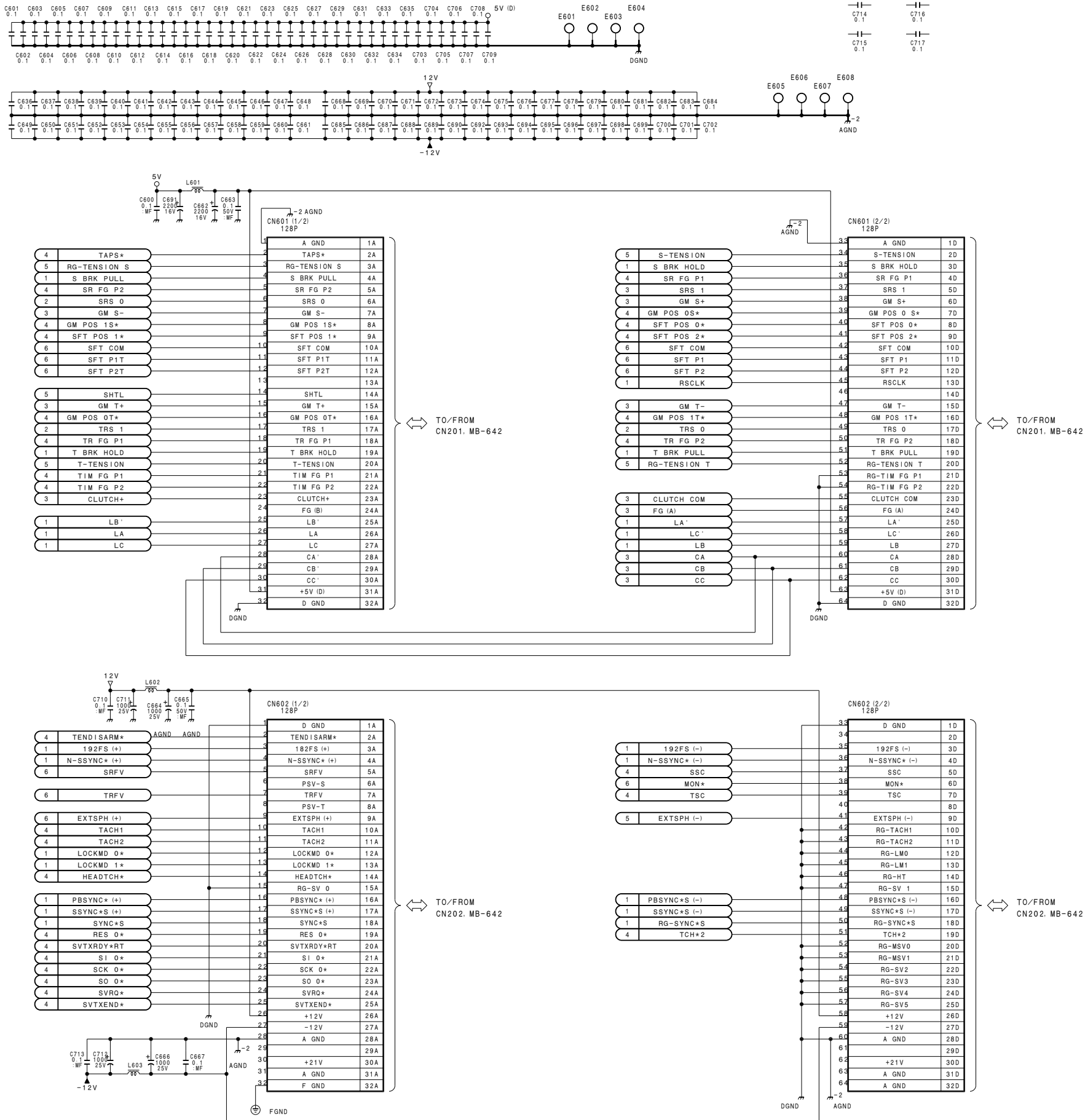
SERVO CONTROL  
**SV-163 (5/7)**  
BOARD NO. 1-658-943-12  
B-PCM3348HR-SV163-S/M

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



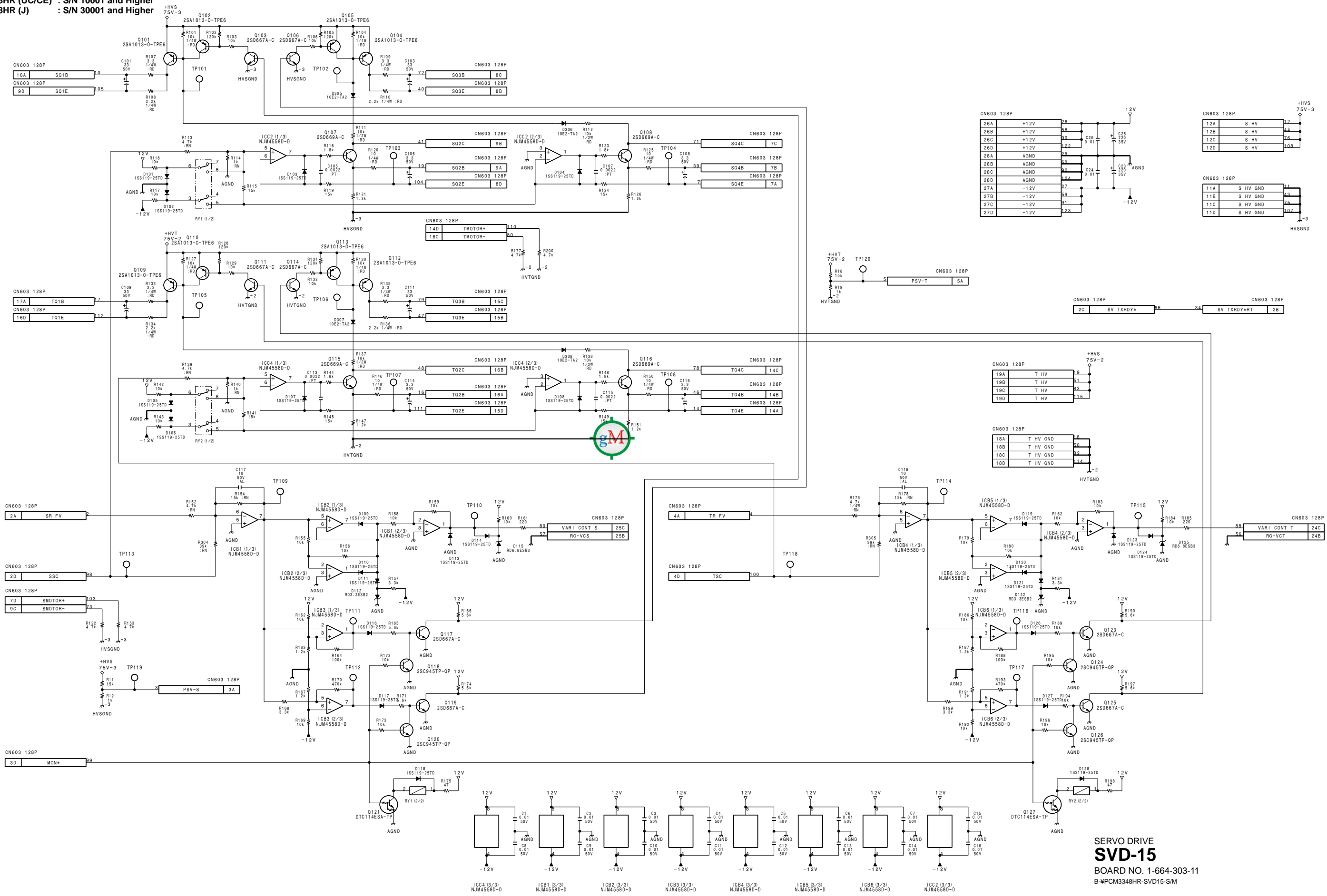
SERVO CONTROL  
**SV-163 (6/7)**  
BOARD NO. 1-658-943-12  
B-PCM3348HR-SV163-S/M

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

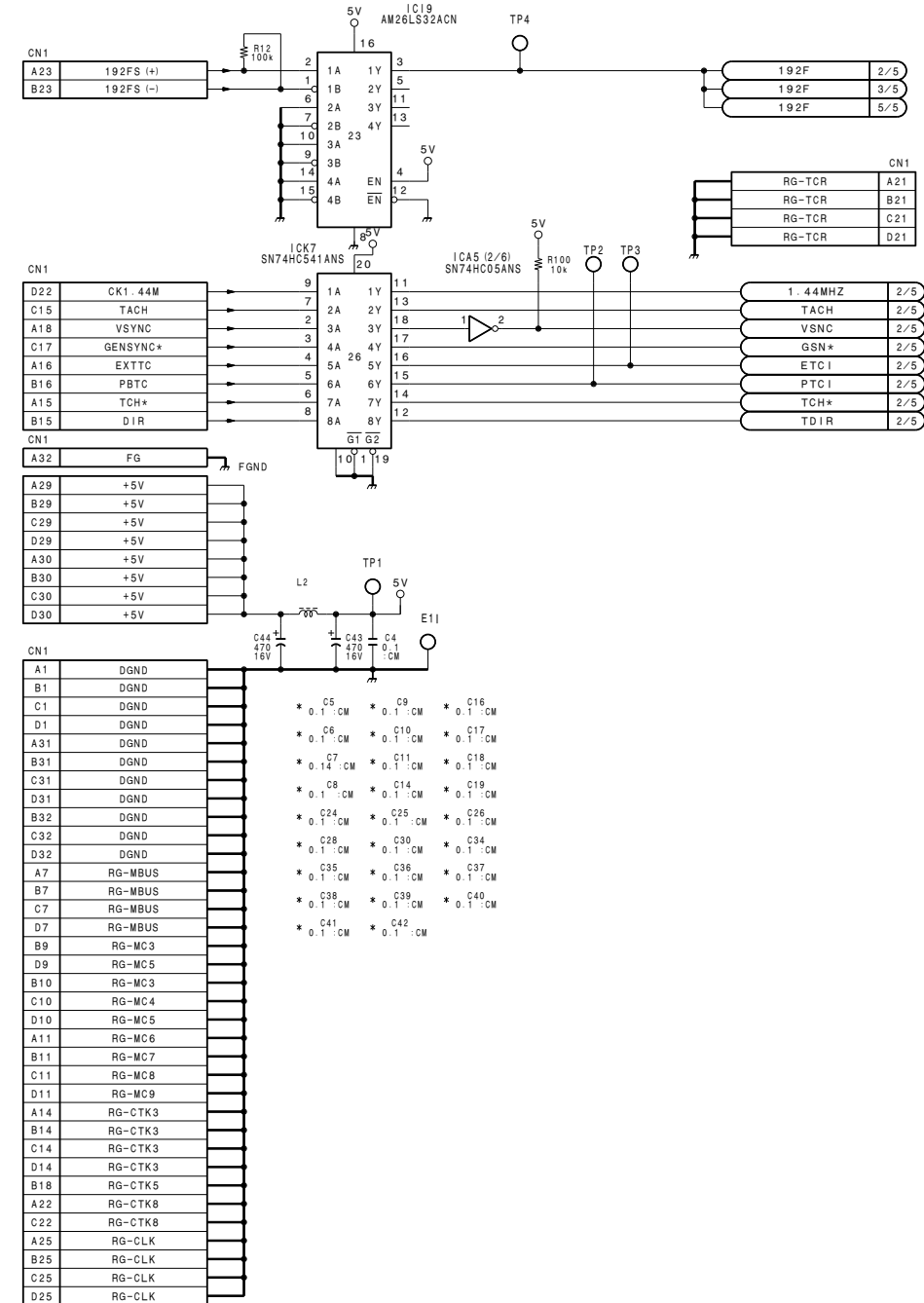
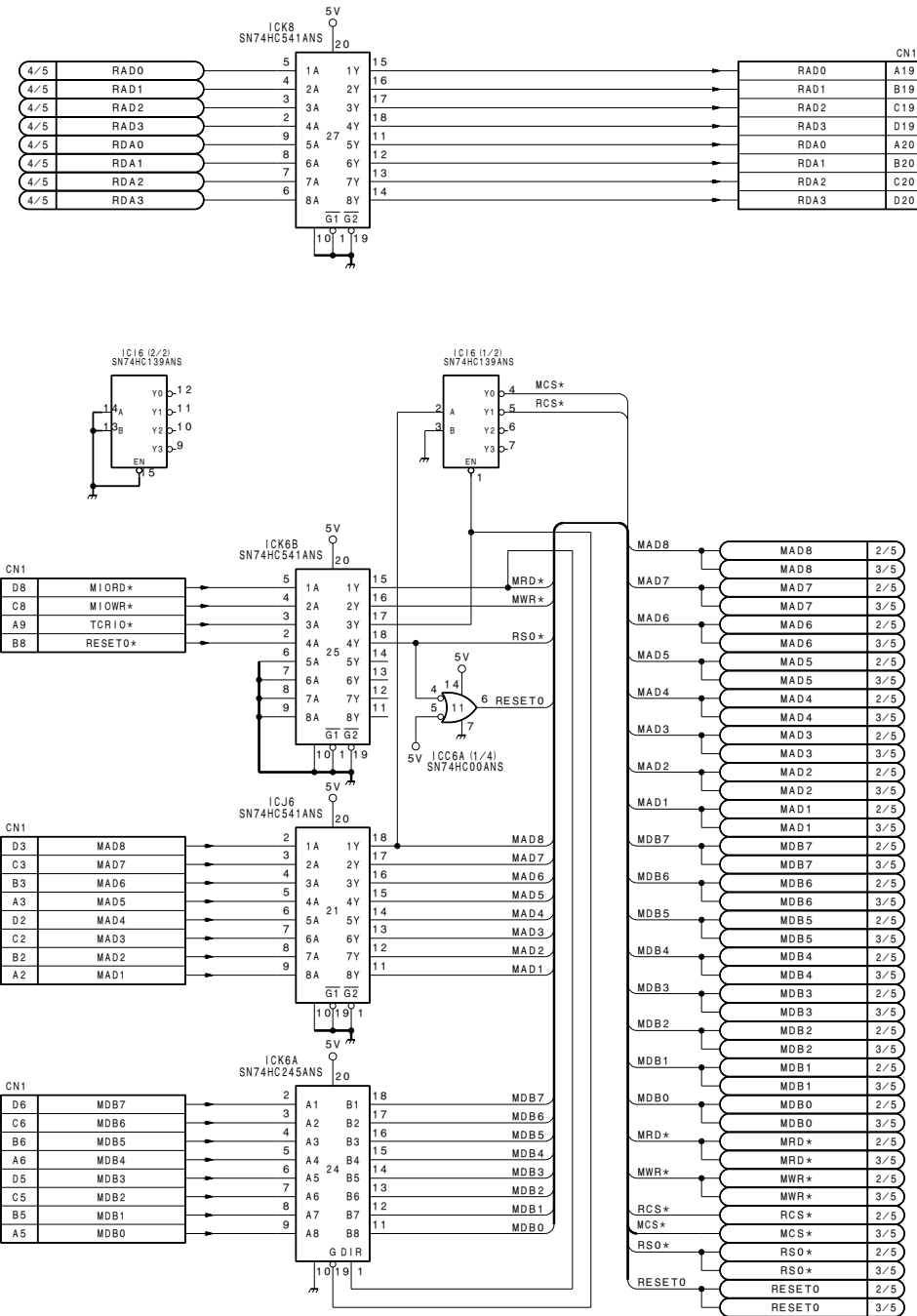


SERVO CONTROL  
**SV-163 (7/7)**  
BOARD NO. 1-658-943-12  
B-PCM3348HR-SV163-S/M

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



TIME CODE READER  
**TCR-7 (1/5)**  
BOARD NO. 1-642-468-11  
B-¥PCM3348HR-TCR7-S/M





PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

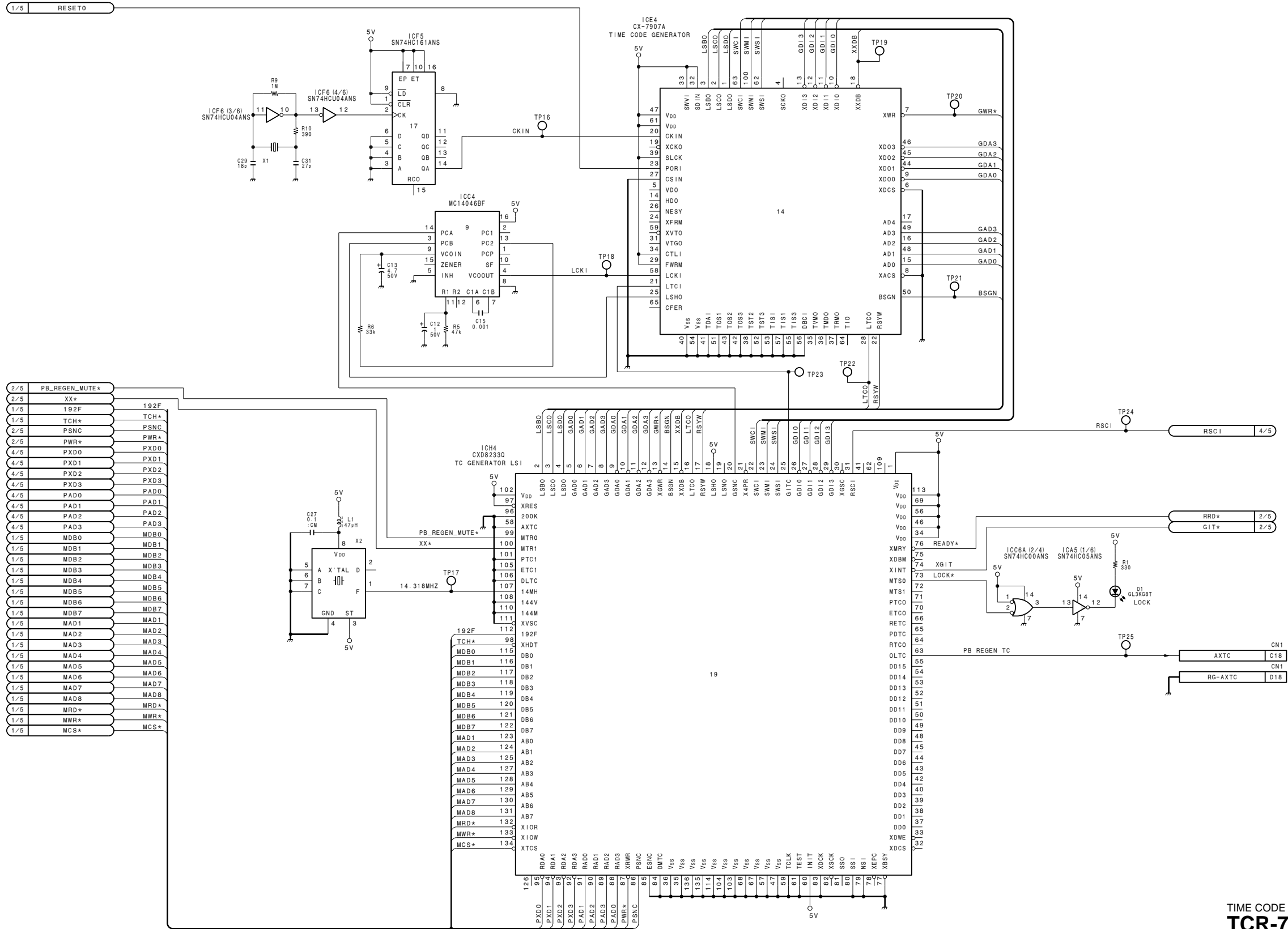
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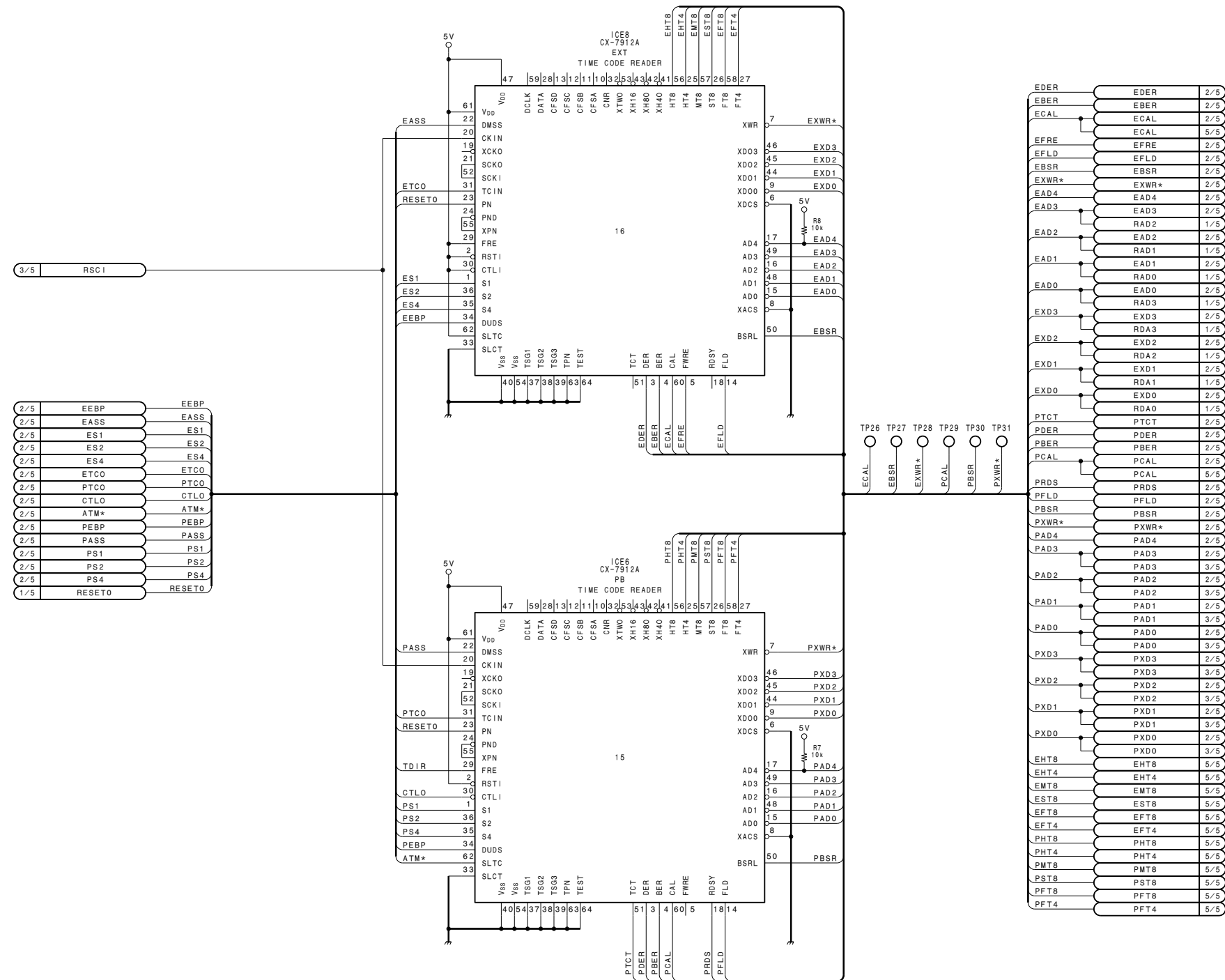
4

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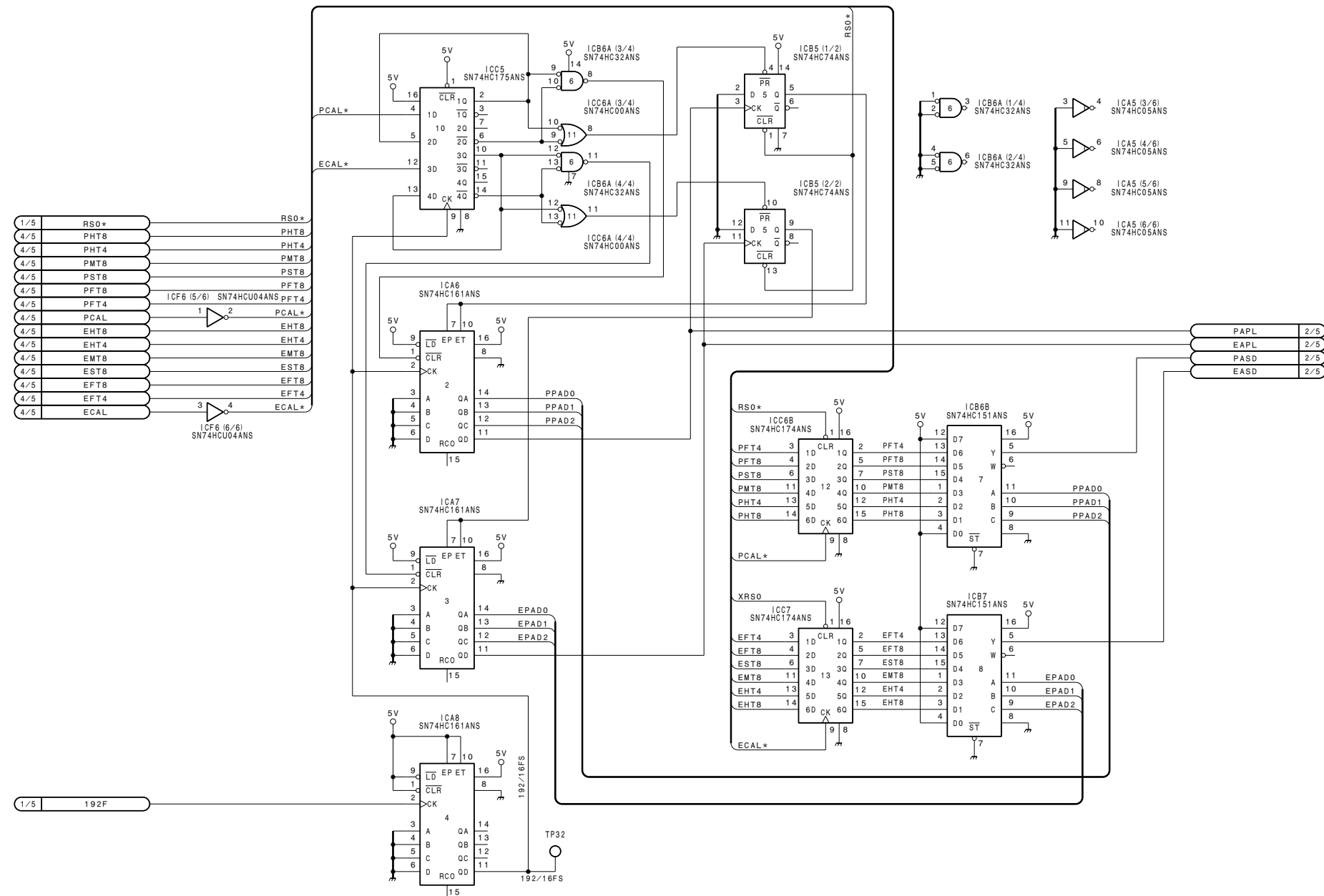
TIME CODE READER  
**TCR-7 (3/5)**  
BOARD NO. 1-642-468-11  
B-PCM3348HR-TCR7-S/M

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



TIME CODE READER  
**TCR-7 (4/5)**  
BOARD NO. 1-642-468-11  
B-¥PCM3348HR-TCR7-S/M

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



TIME CODE READER  
**TCR-7 (5/5)**  
BOARD NO. 1-642-468-11  
B-¥PCM3348HR-TCR7-S/M



PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

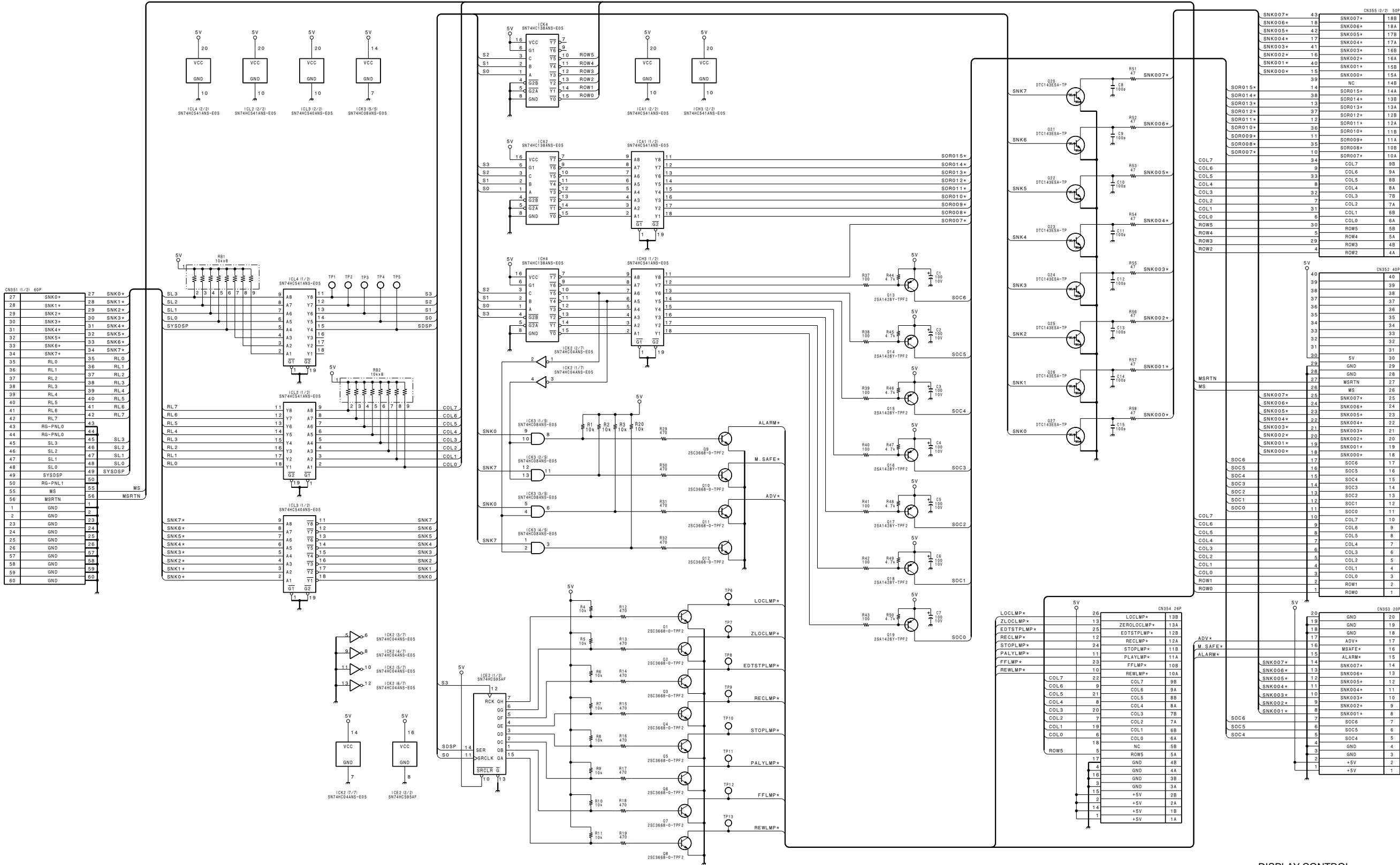
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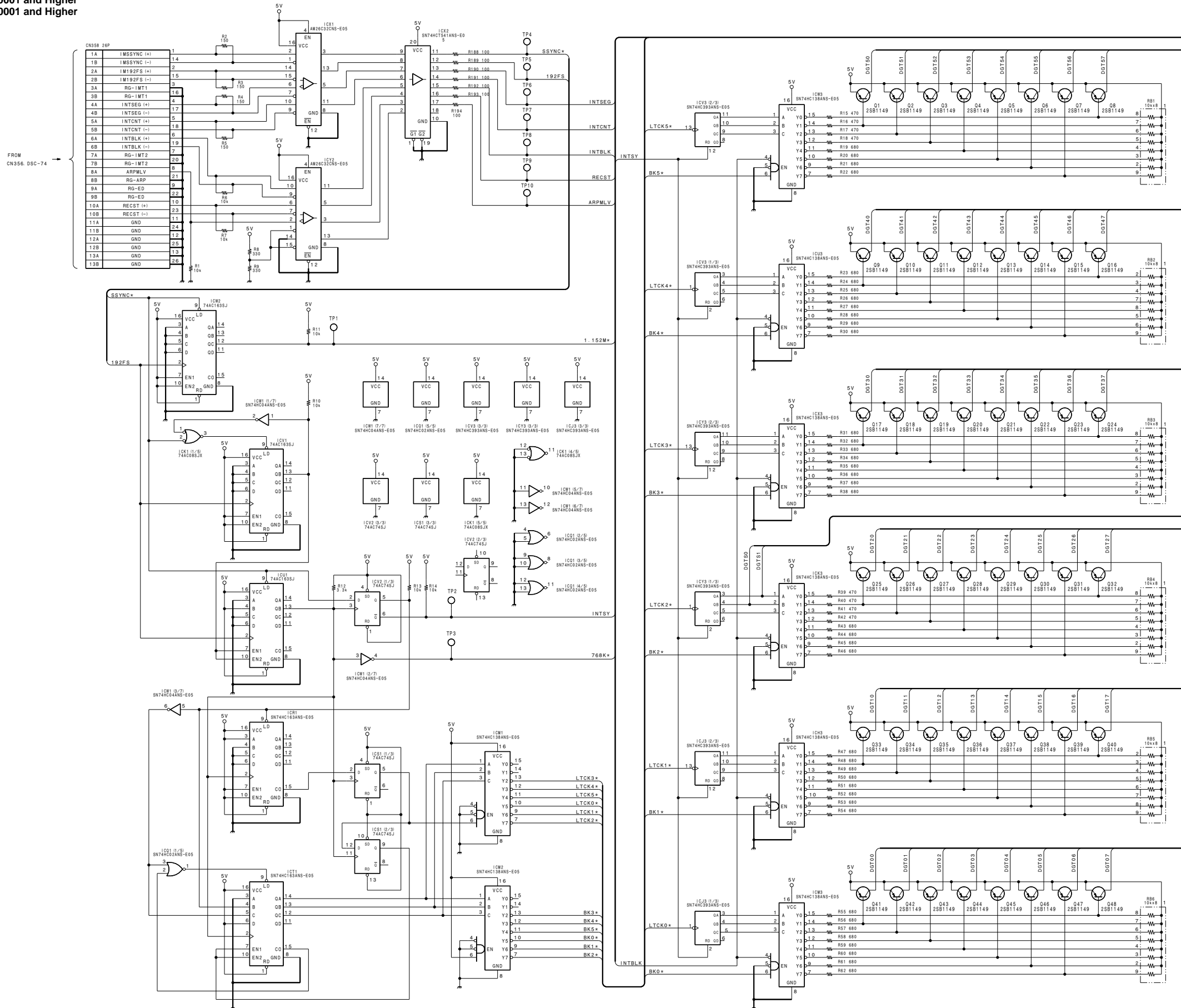
5



DISPLAY CONTROL  
**DSC-74 (1/2)**  
BOARD NO. 1-658-954-13  
B-PCM3348HR-DSC74-S/M



PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher







PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

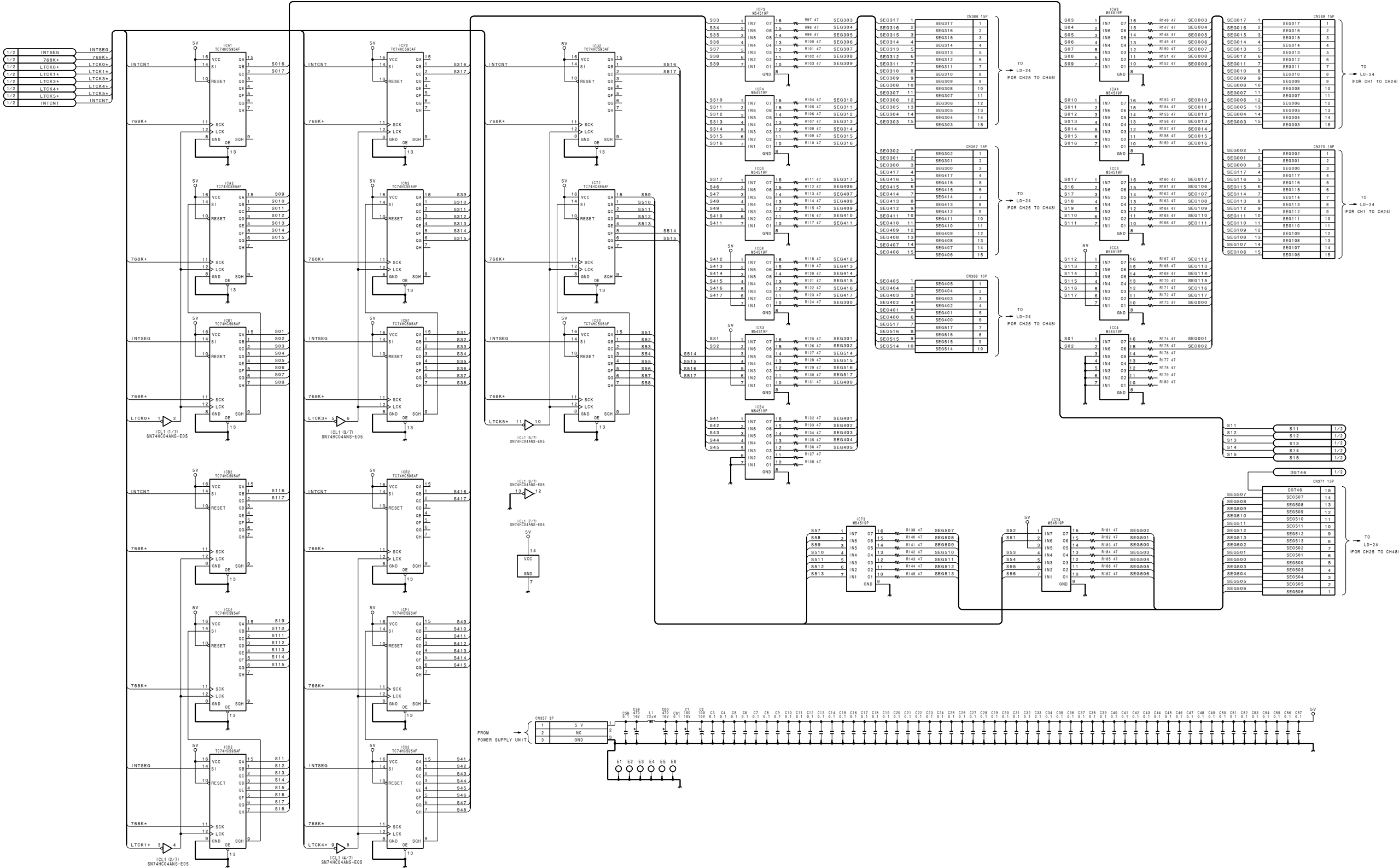
1

2

3

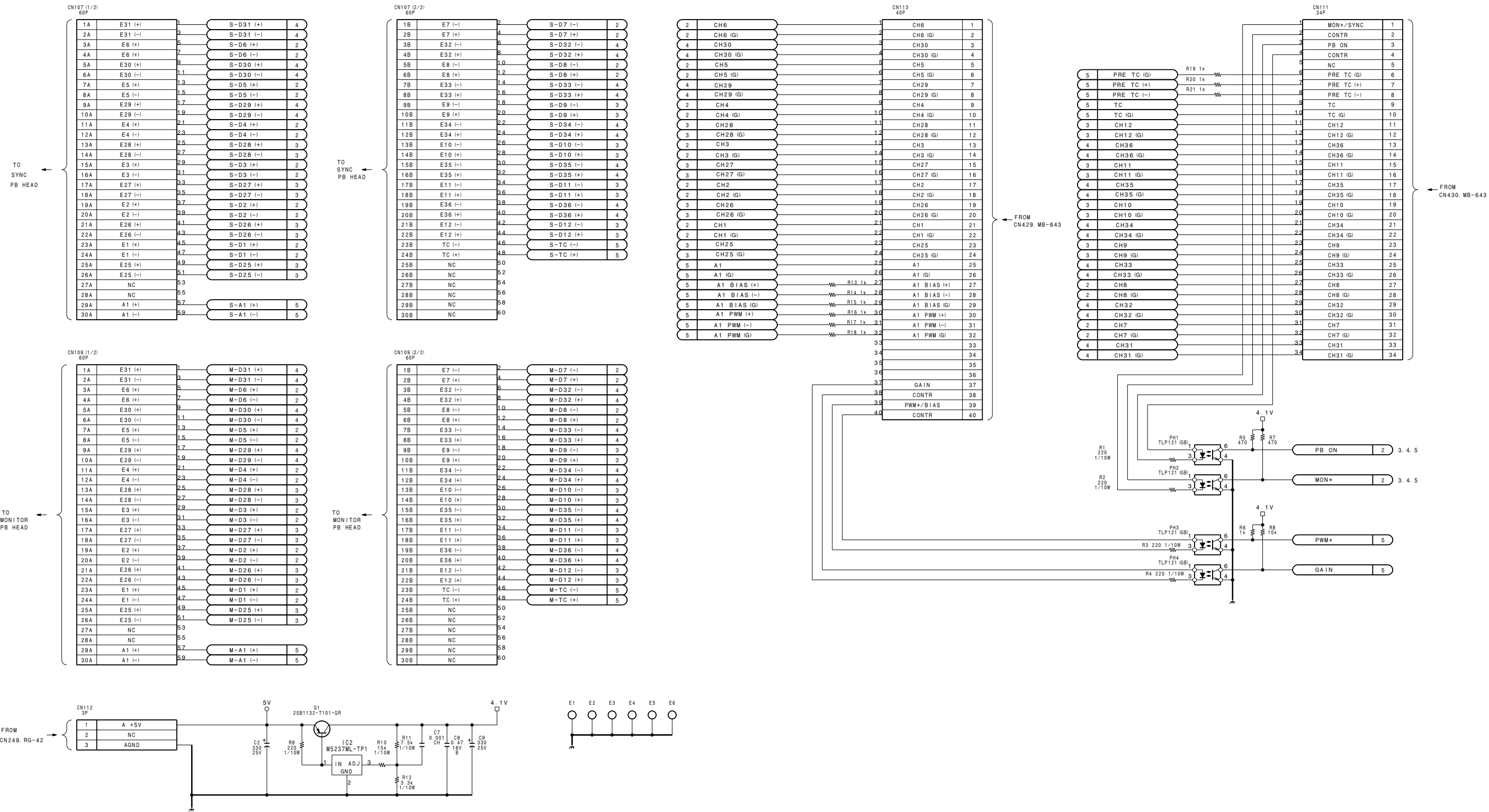
4

5



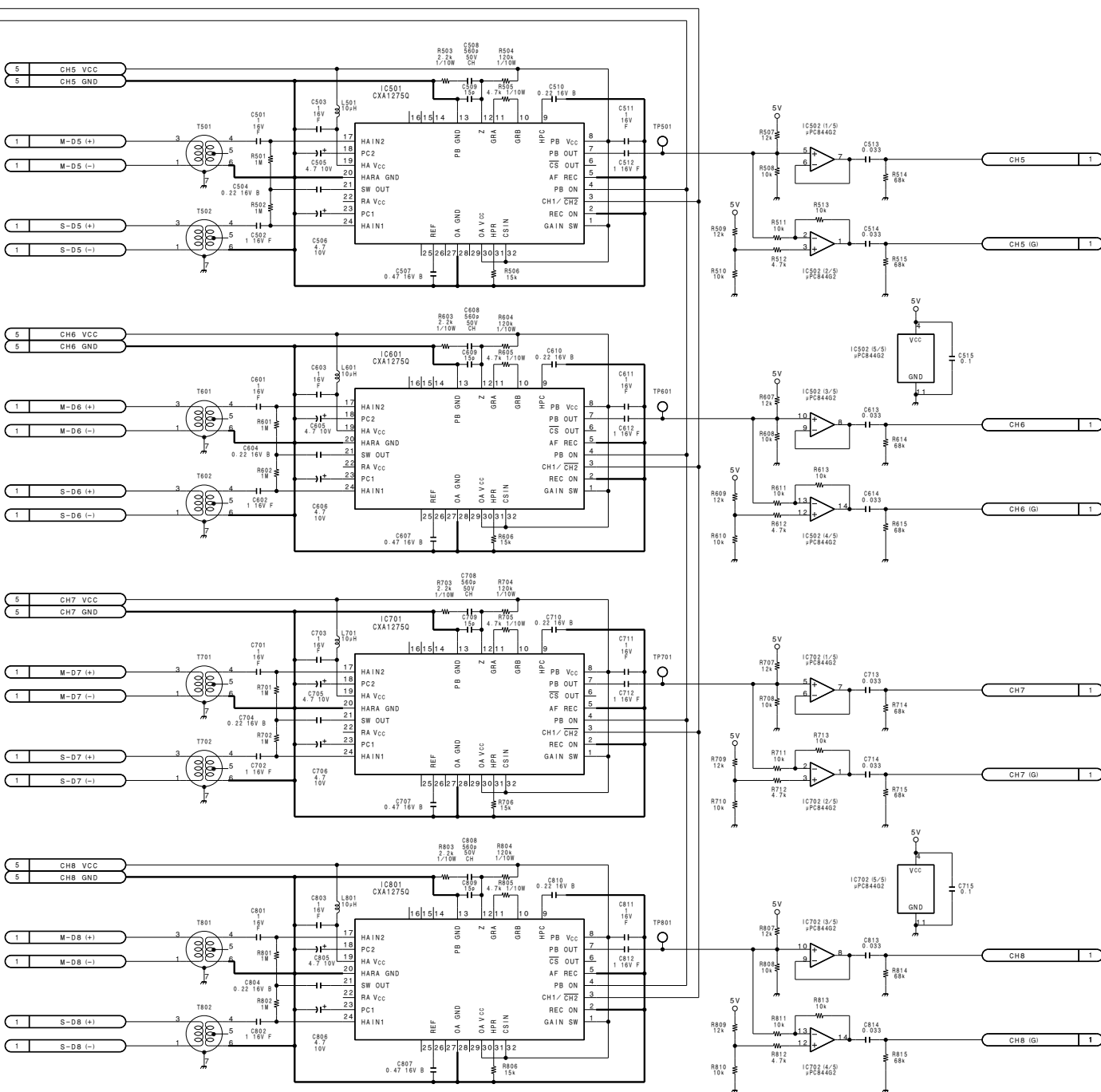
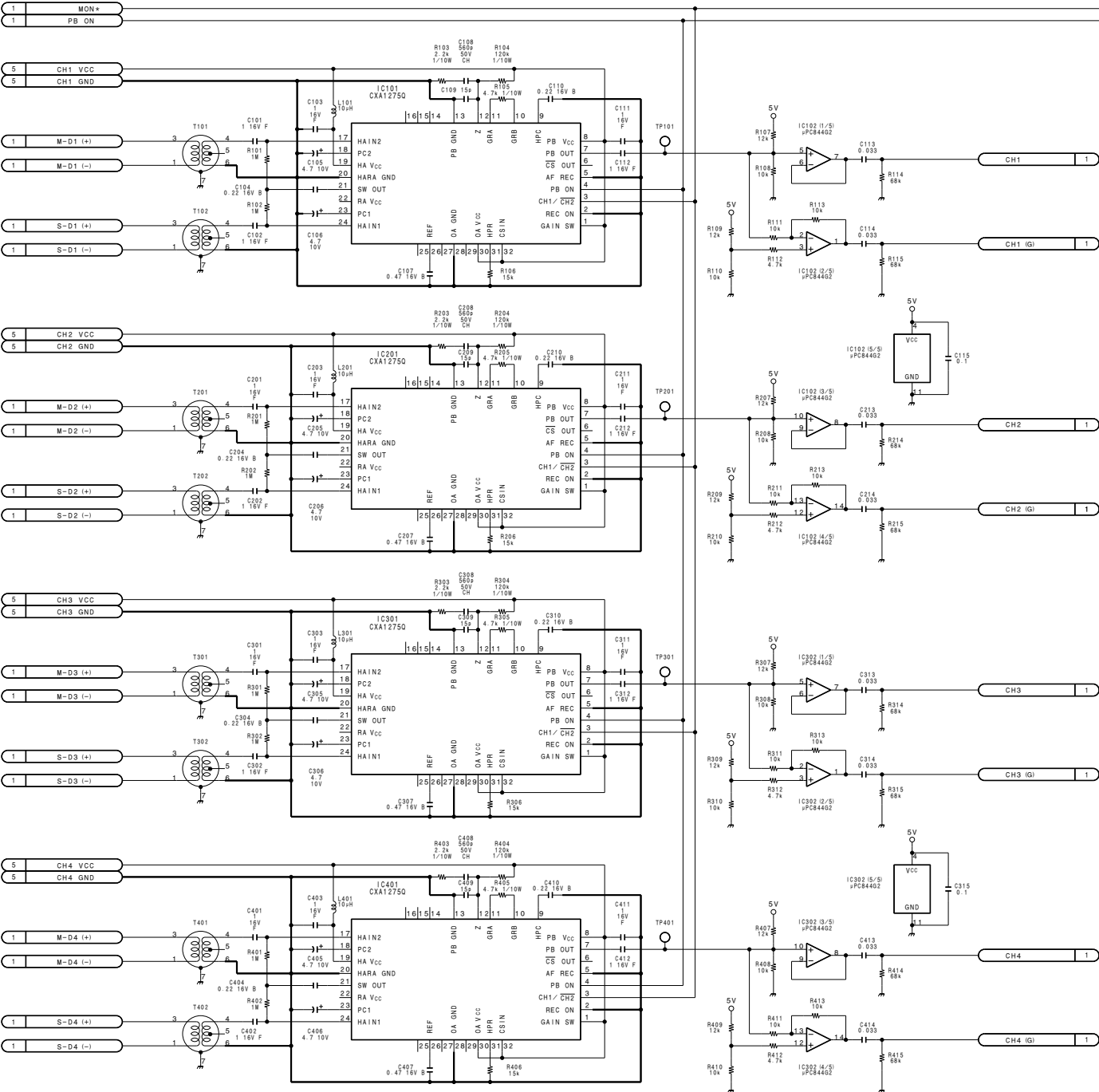
DISPLAY CONTROL  
**DSC-76 (2/2)**  
BOARD NO. 1-658-955-13  
B-PCM3348HR-DSC76-S/M

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



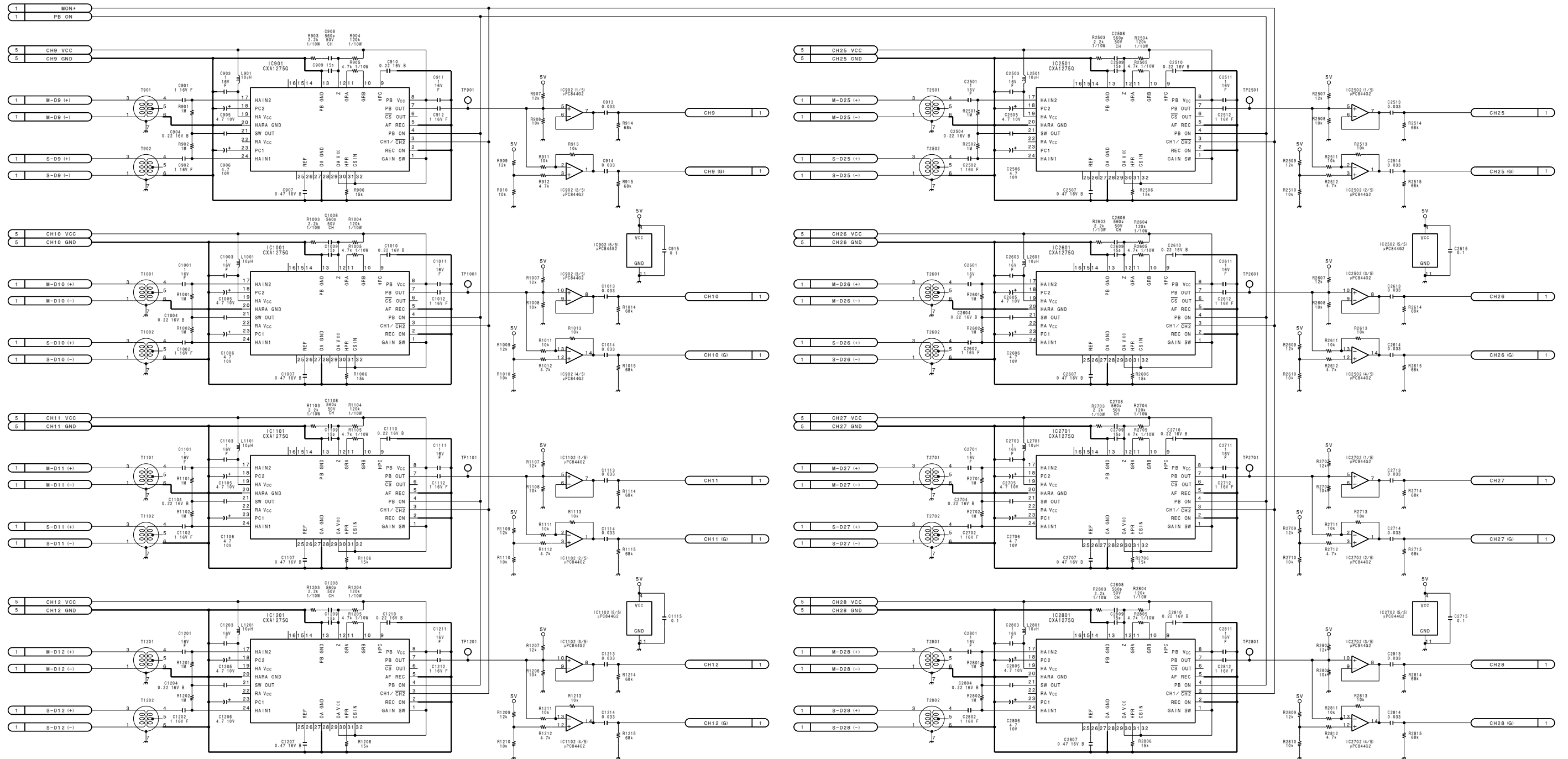
PRE AMPLIFIER  
**PRE-24 (1/5)**  
BOARD NO. 1-658-941-12  
B-VPCM3348HR-PRE24-S/M

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



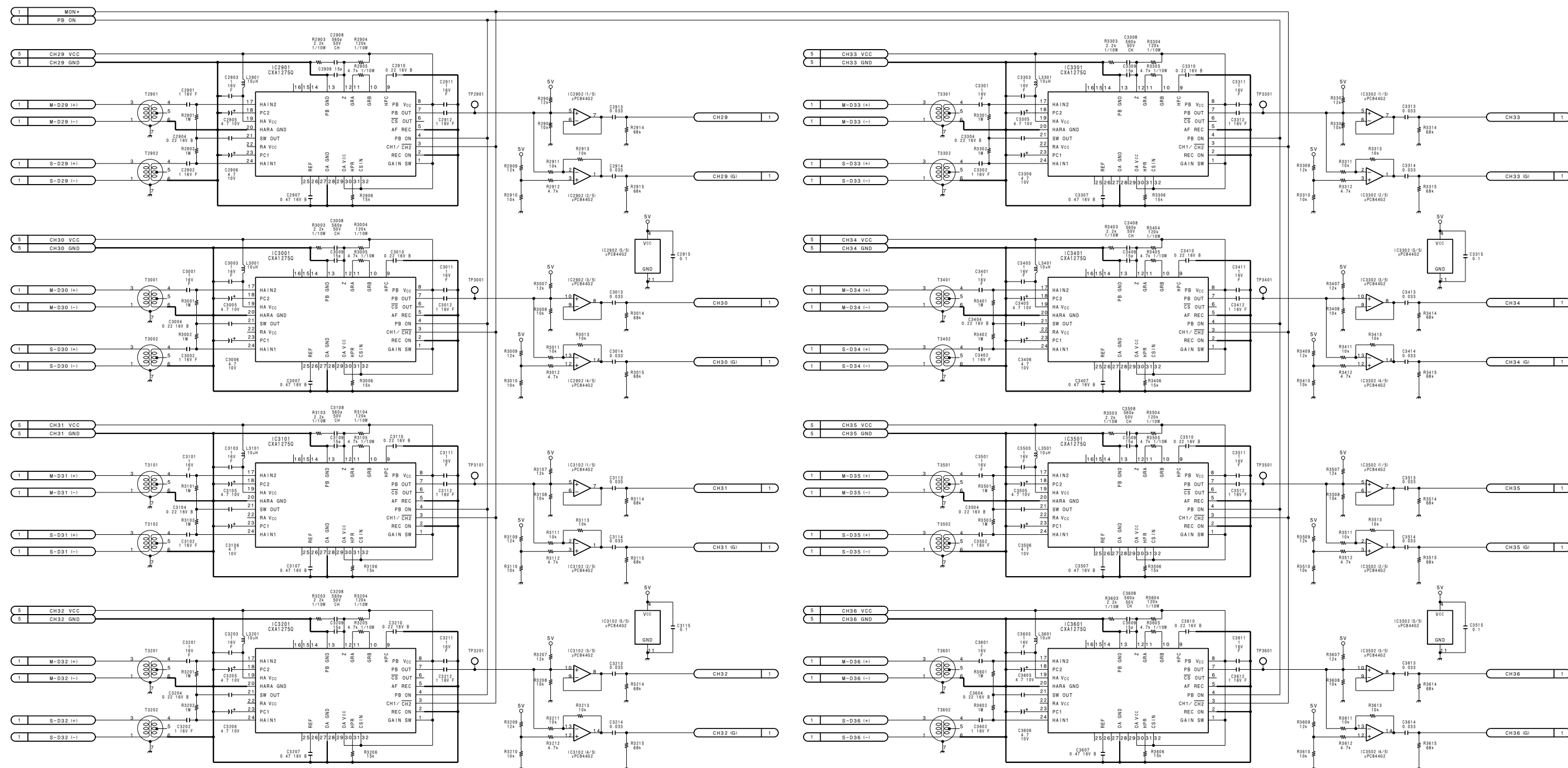
PRE AMPLIFIER  
**PRE-24 (2/5)**  
BOARD NO. 1-658-941-12  
B-PCM3348HR-PRE24-S/M

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



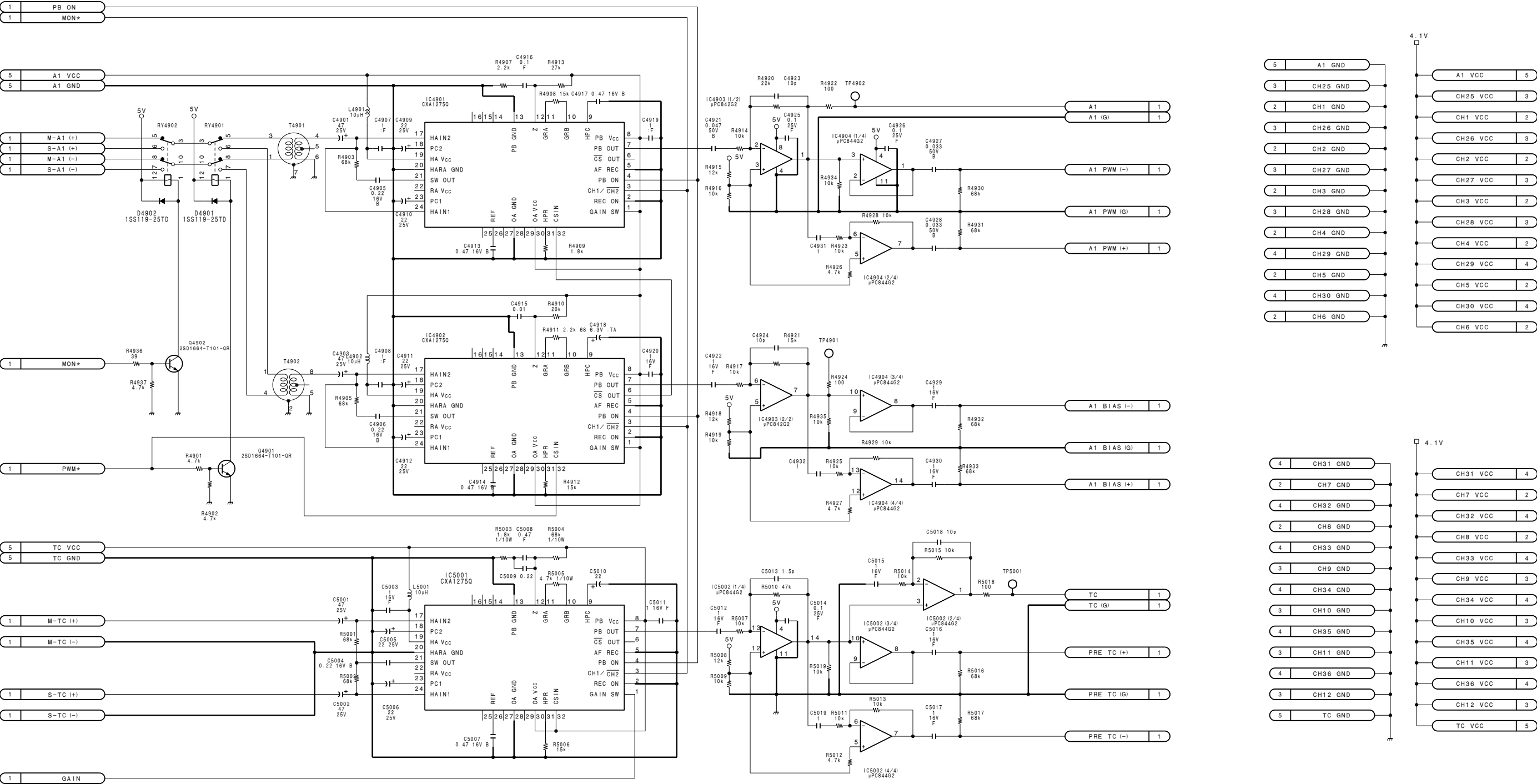
PRE AMPLIFIER  
**PRE-24 (3/5)**  
BOARD NO. 1-658-941-12  
B-PCM3348HR-PRE24-S/M

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



PRE AMPLIFIER  
**PRE-24 (4/5)**  
BOARD NO. 1-658-941-12  
B-PCM3348HR-PRE24-S/M

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

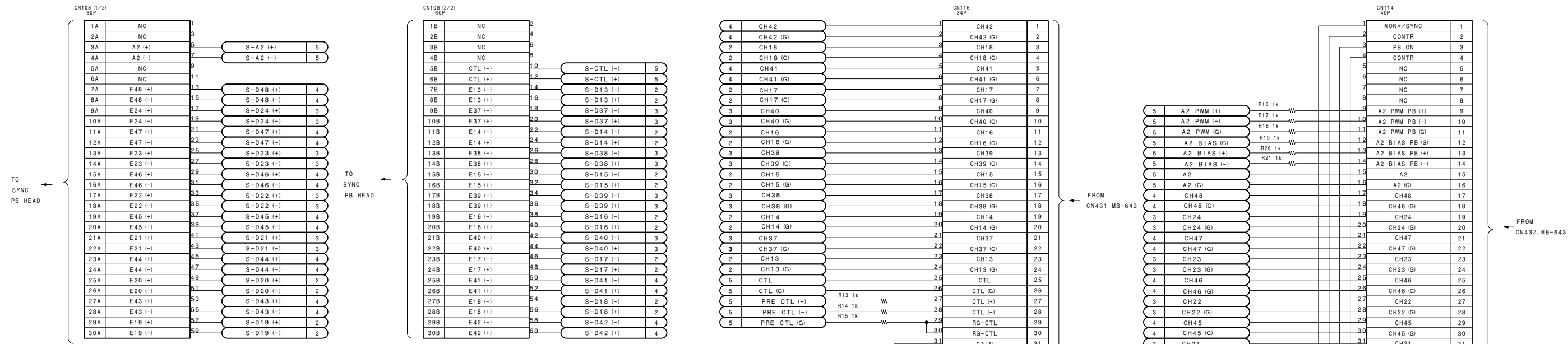


PRE AMPLIFIER  
**PRE-24 (5/5)**  
BOARD NO. 1-658-941-12  
B-PCM3348HR-PRE24-S/M

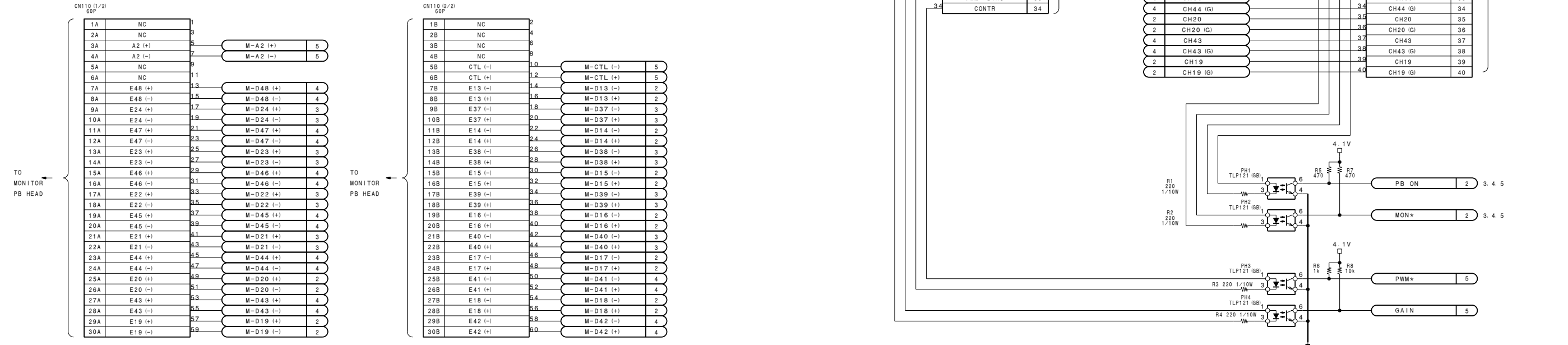


PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

1

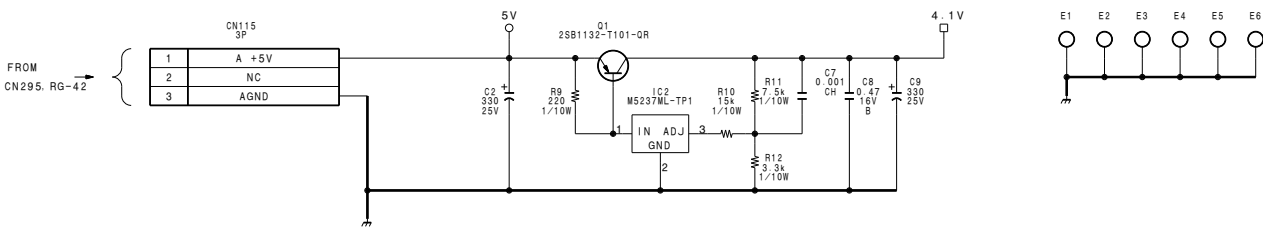


2



3

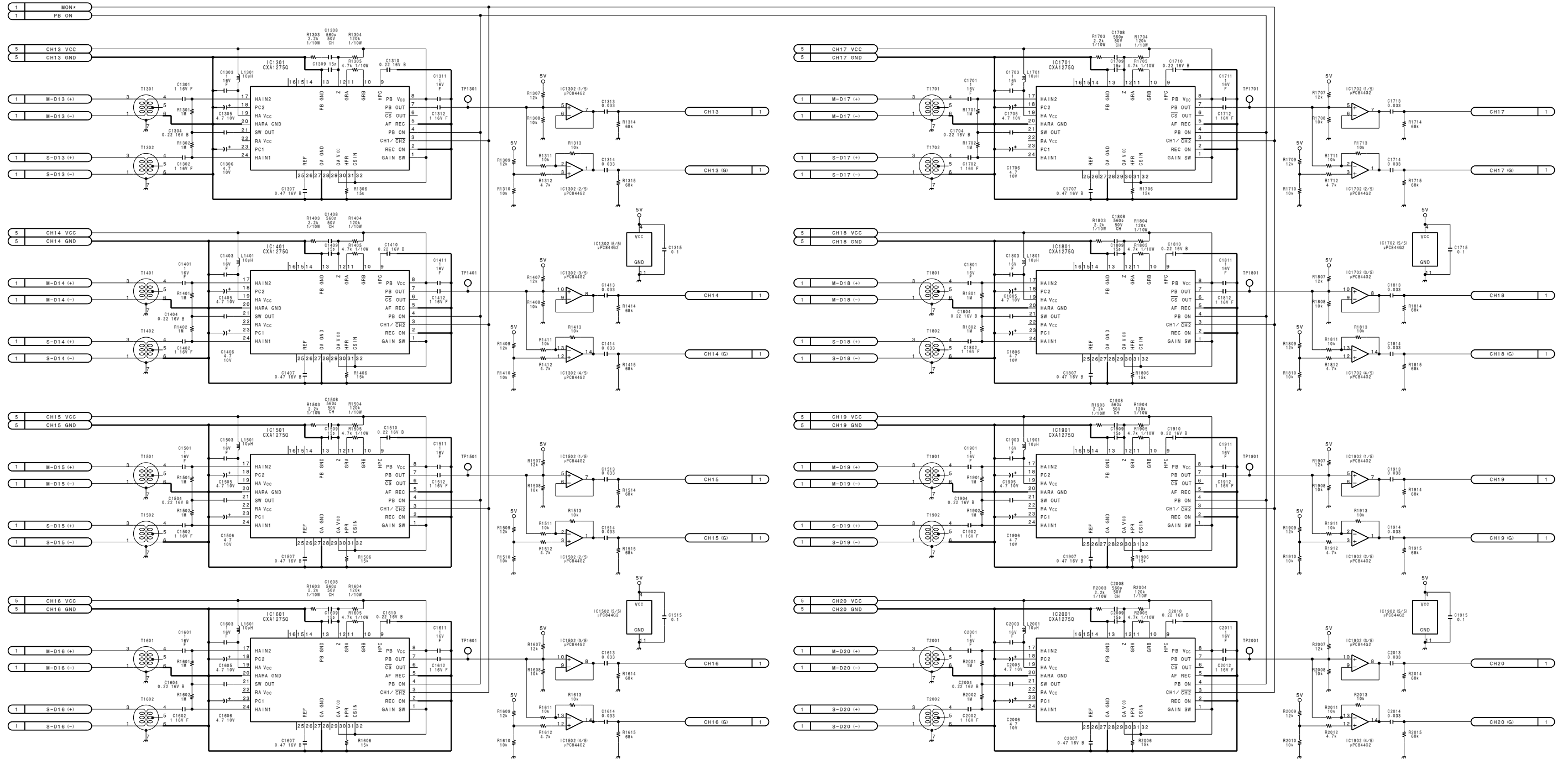
4



5

PRE AMPLIFIER  
**PRE-25 (1/5)**  
BOARD NO. 1-658-942-11  
B-PCM3348HR-PRE25-S/M

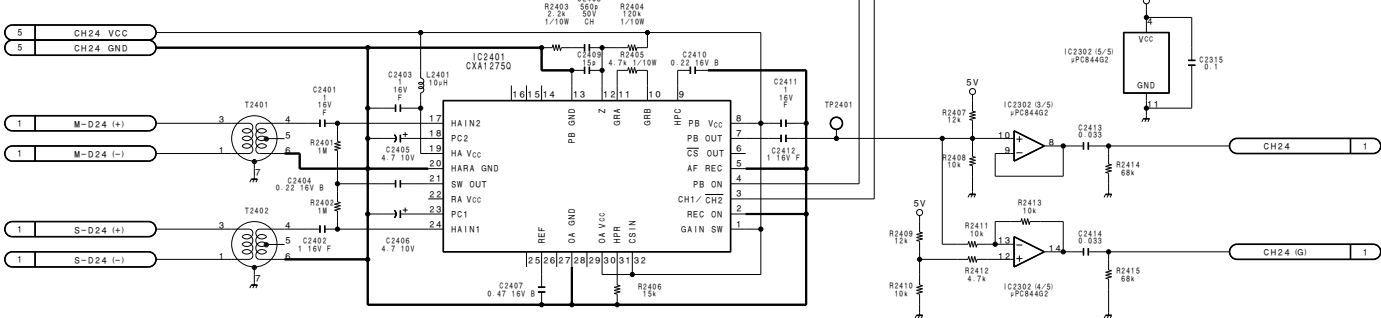
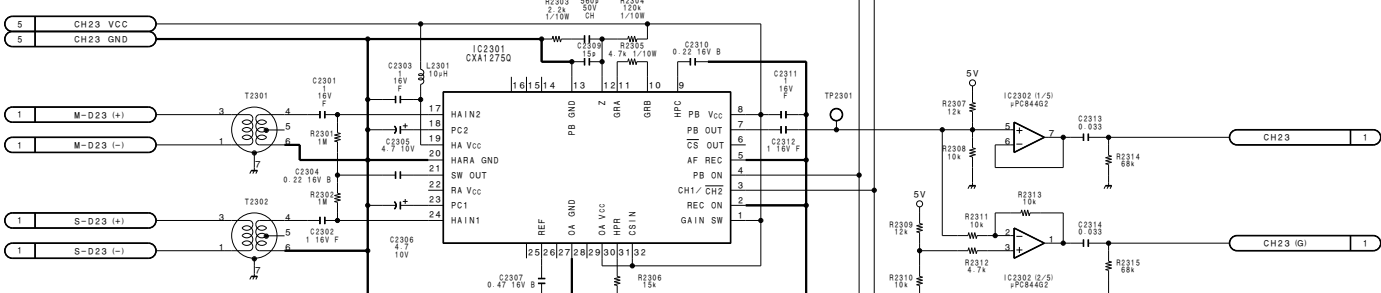
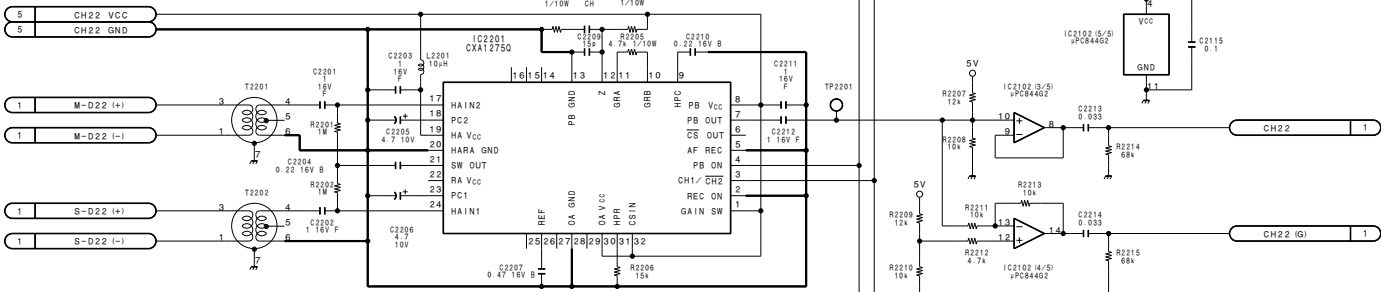
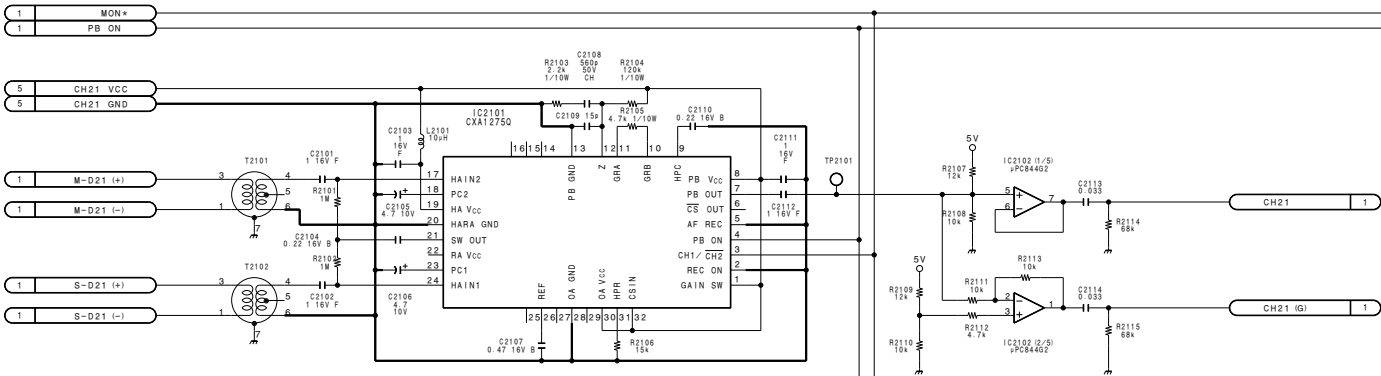
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



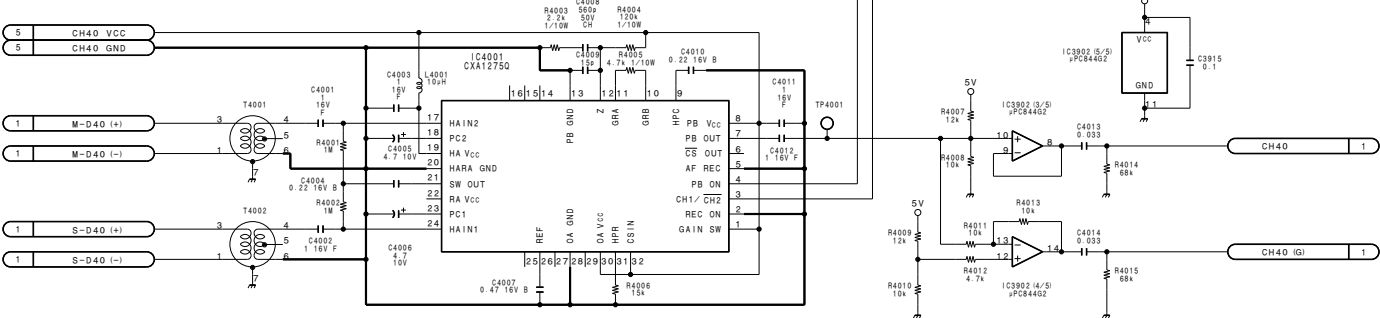
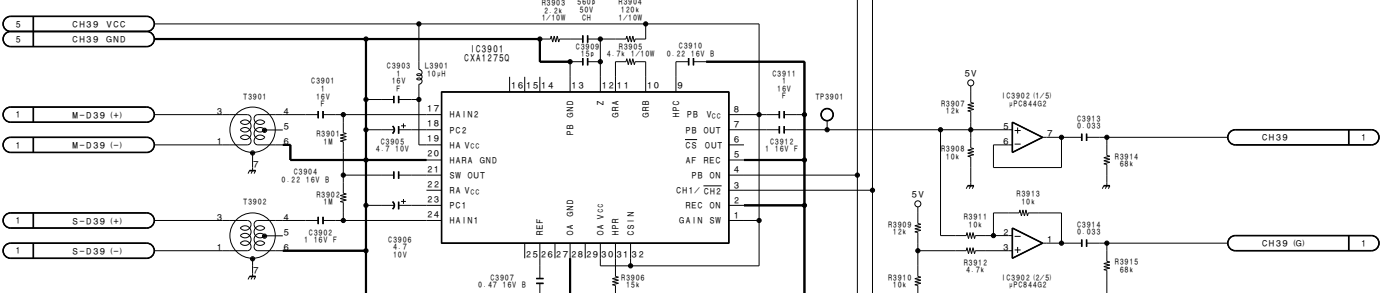
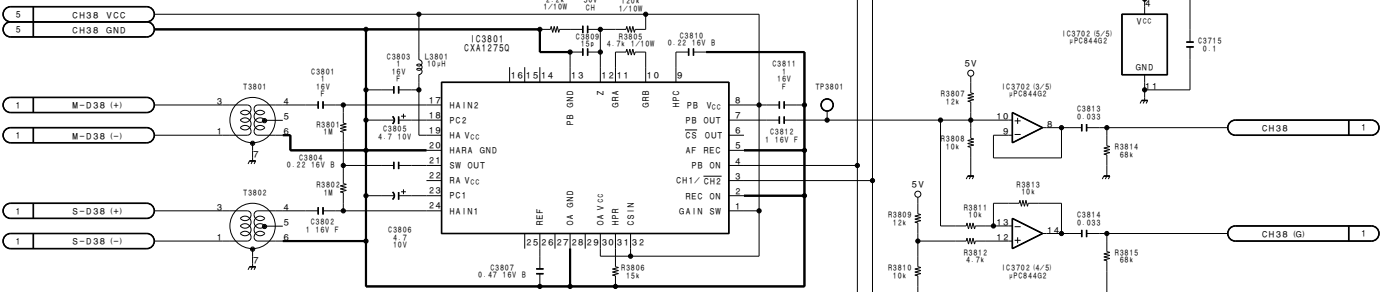
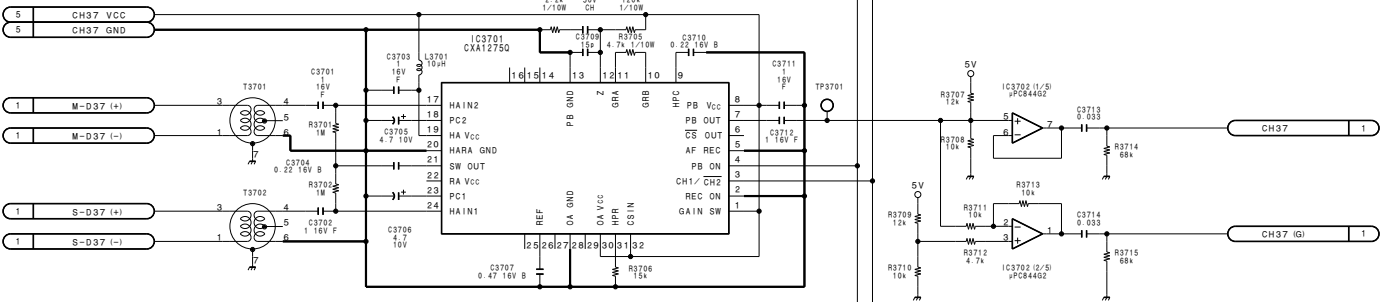
PRE AMPLIFIER  
**PRE-25 (2/5)**  
BOARD NO. 1-658-942-11  
B-PCM3348HR-PRE25-S/M

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

1

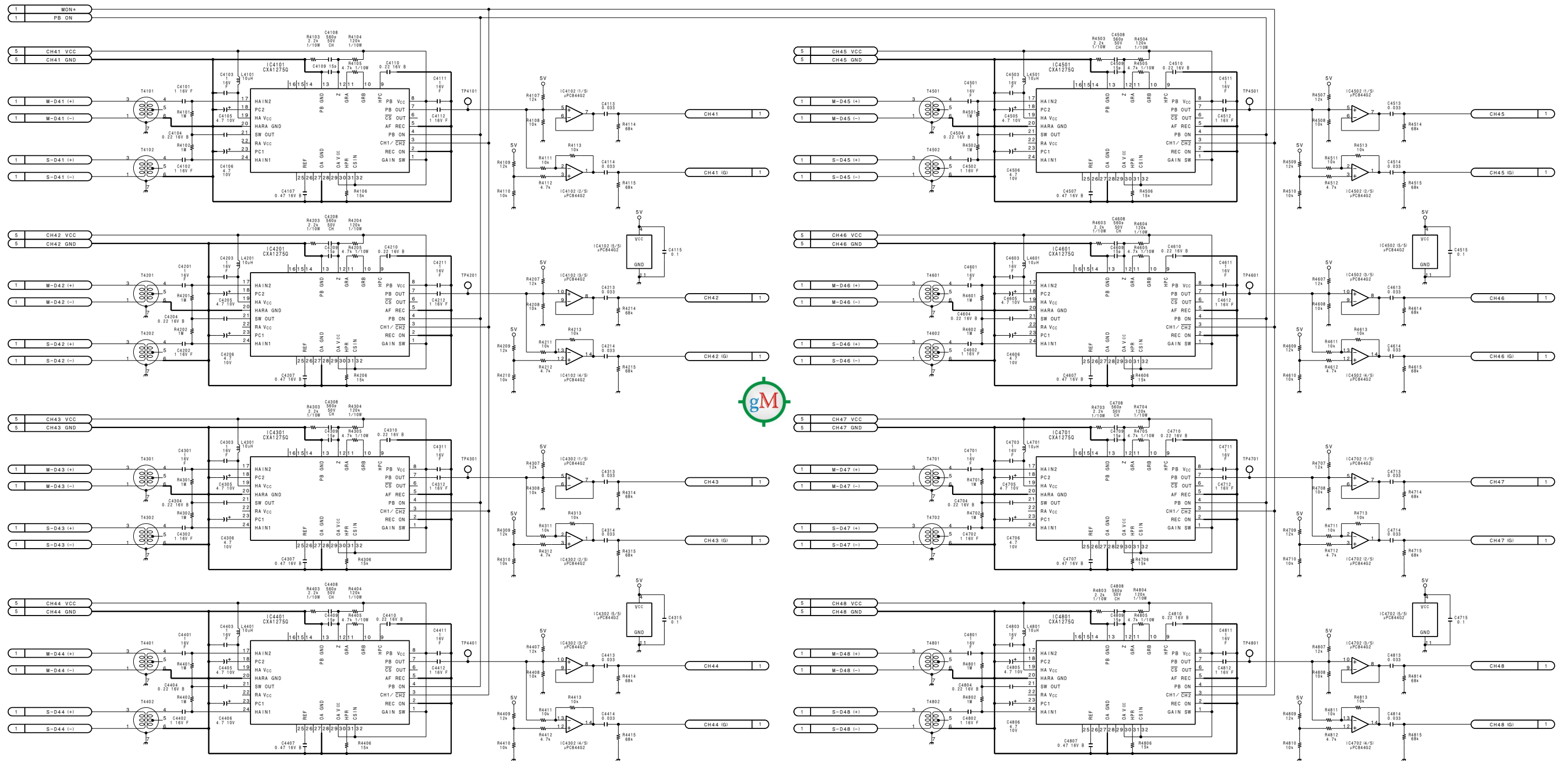


5



PRE AMPLIFIER  
**PRE-25 (3/5)**  
BOARD NO. 1-658-942-11  
B-PCM3348HR-PRE25-S/M

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



PRE AMPLIFIER  
**PRE-25 (4/5)**  
BOARD NO. 1-658-942-11  
B-PCM3348HR-PRE25-S/M

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

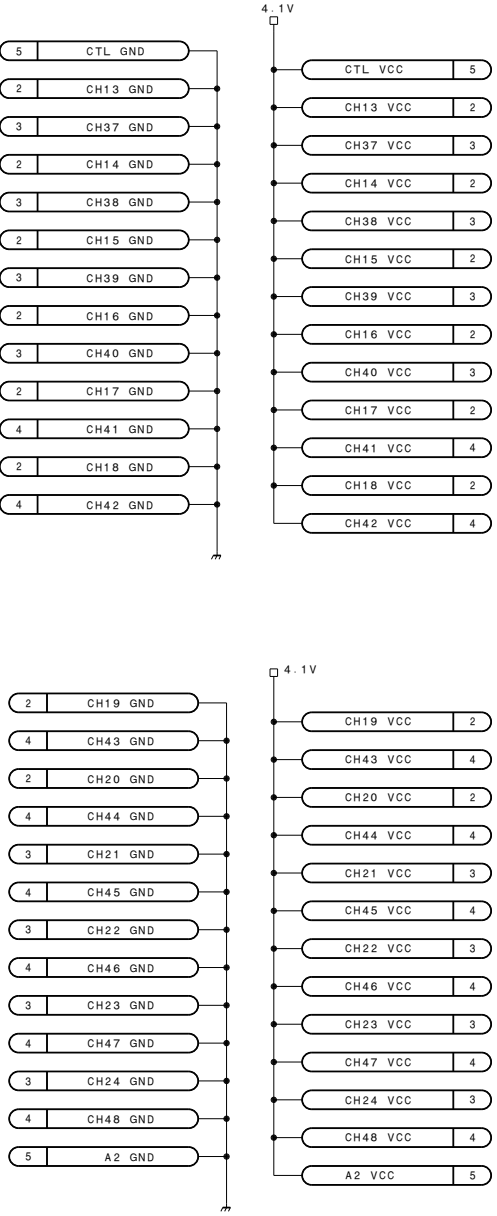
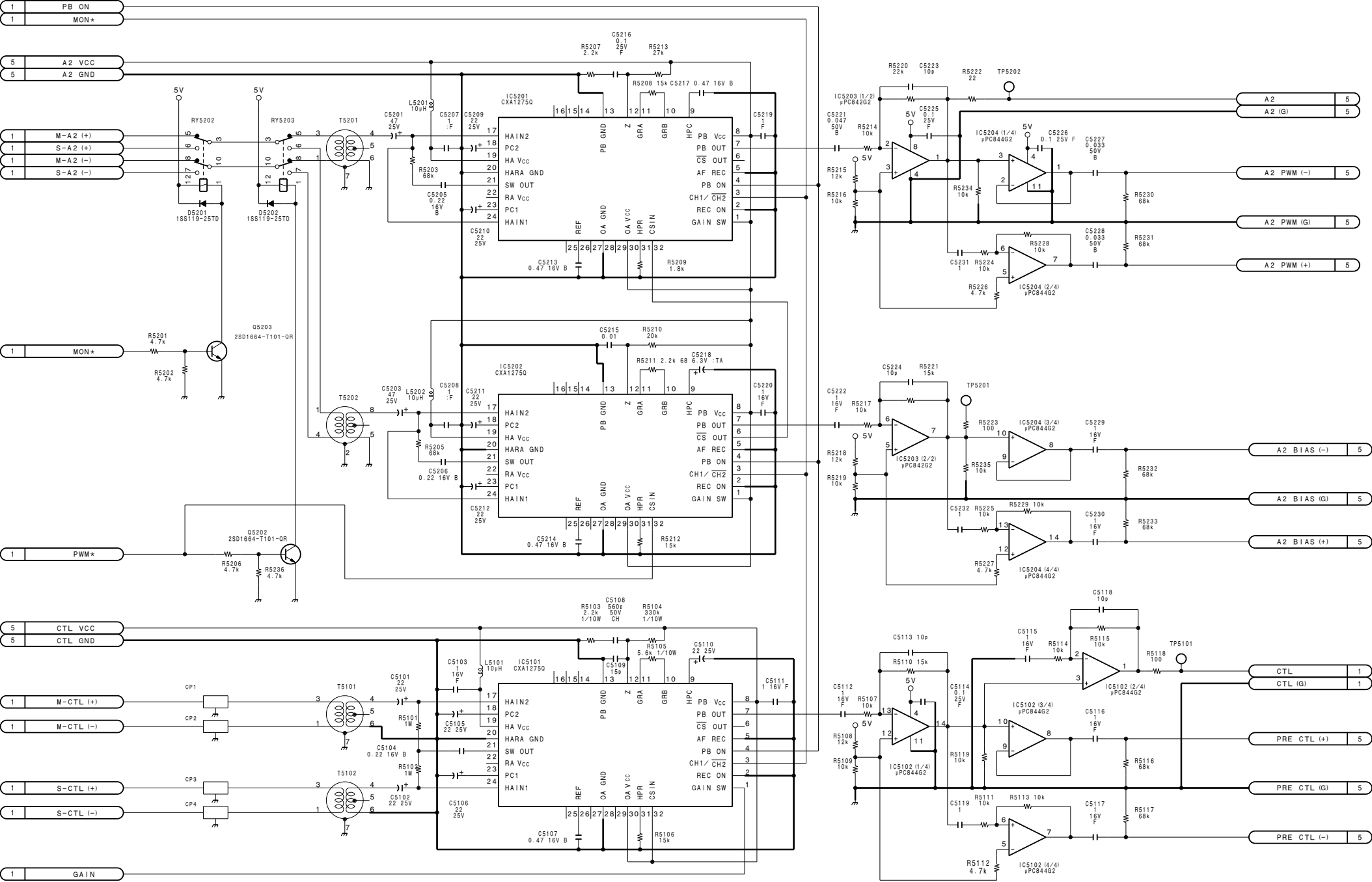
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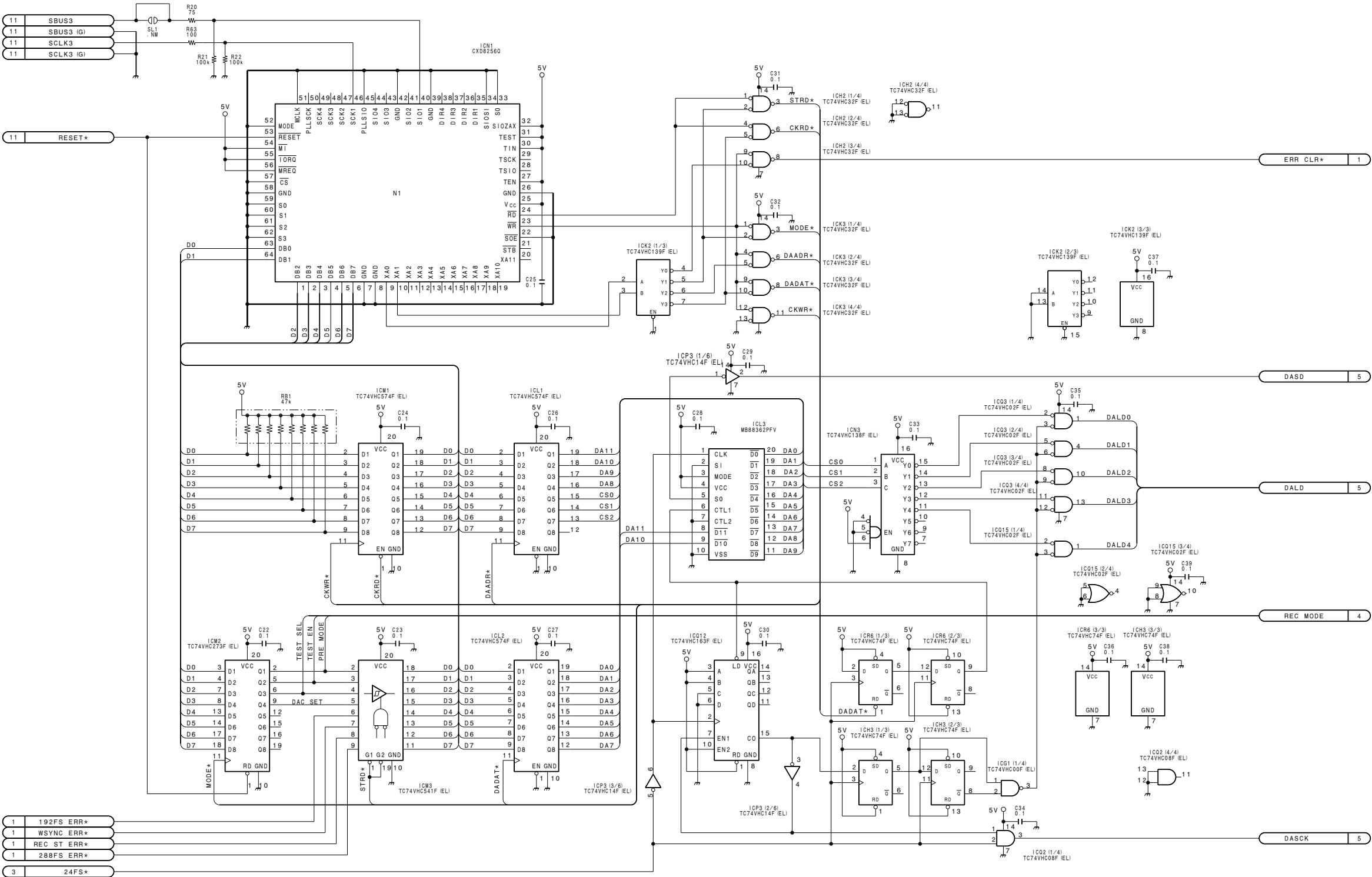
5



PRE AMPLIFIER  
**PRE-25 (5/5)**  
BOARD NO. 1-658-942-11  
B-WPCM3348HR-PRE25-S/M



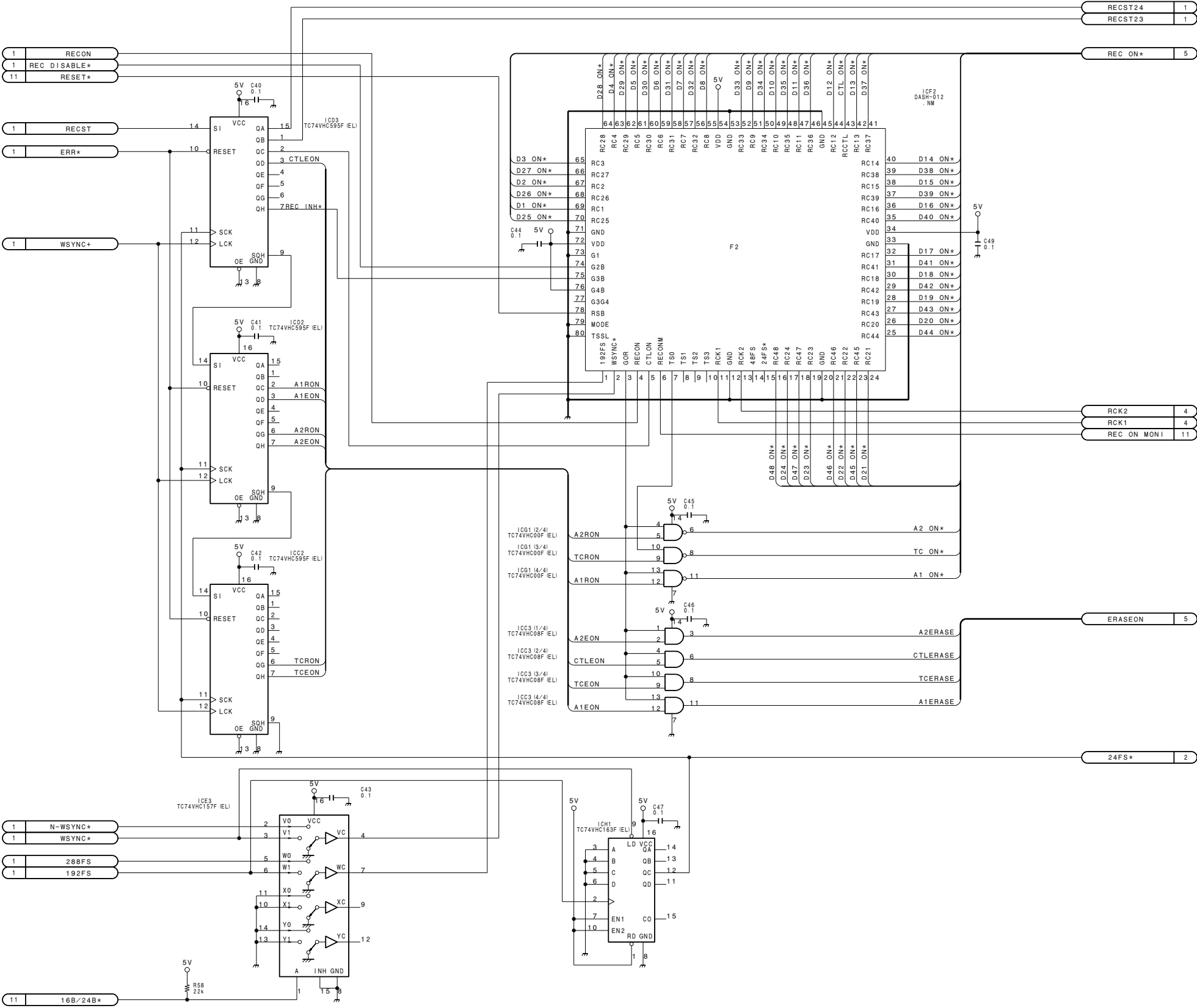
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



RECORD  
**REC-26 (2/11)**  
BOARD NO. 1-658-940-11  
B-PCM3348HR-REC26-S/M



PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



RECORD  
**REC-26 (3/11)**  
BOARD NO. 1-658-940-11  
B-PCM3348HR-REC26-S/M

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

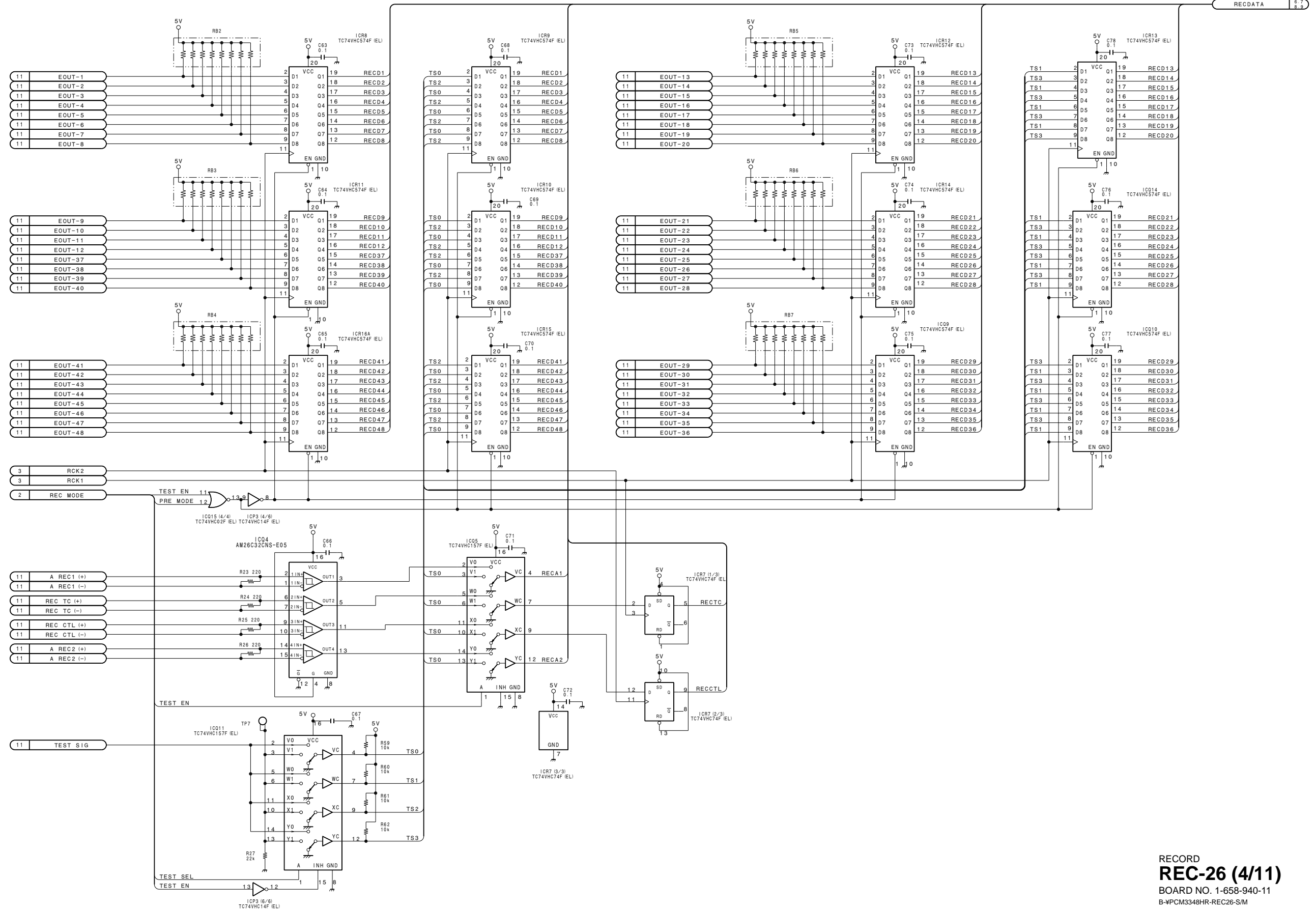
1

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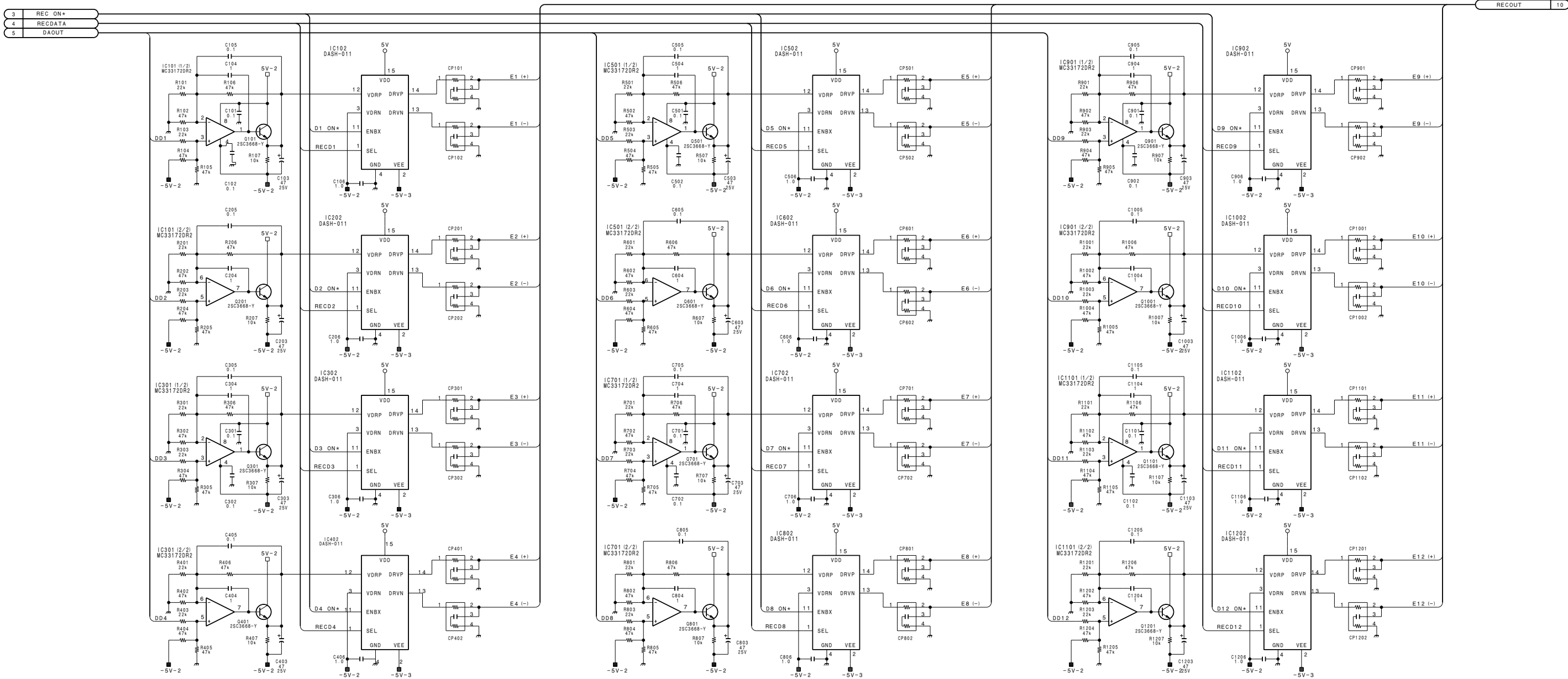
5



RECORD  
**REC-26 (4/11)**  
BOARD NO. 1-658-940-11  
B-PCM3348HR-REC26-S/M

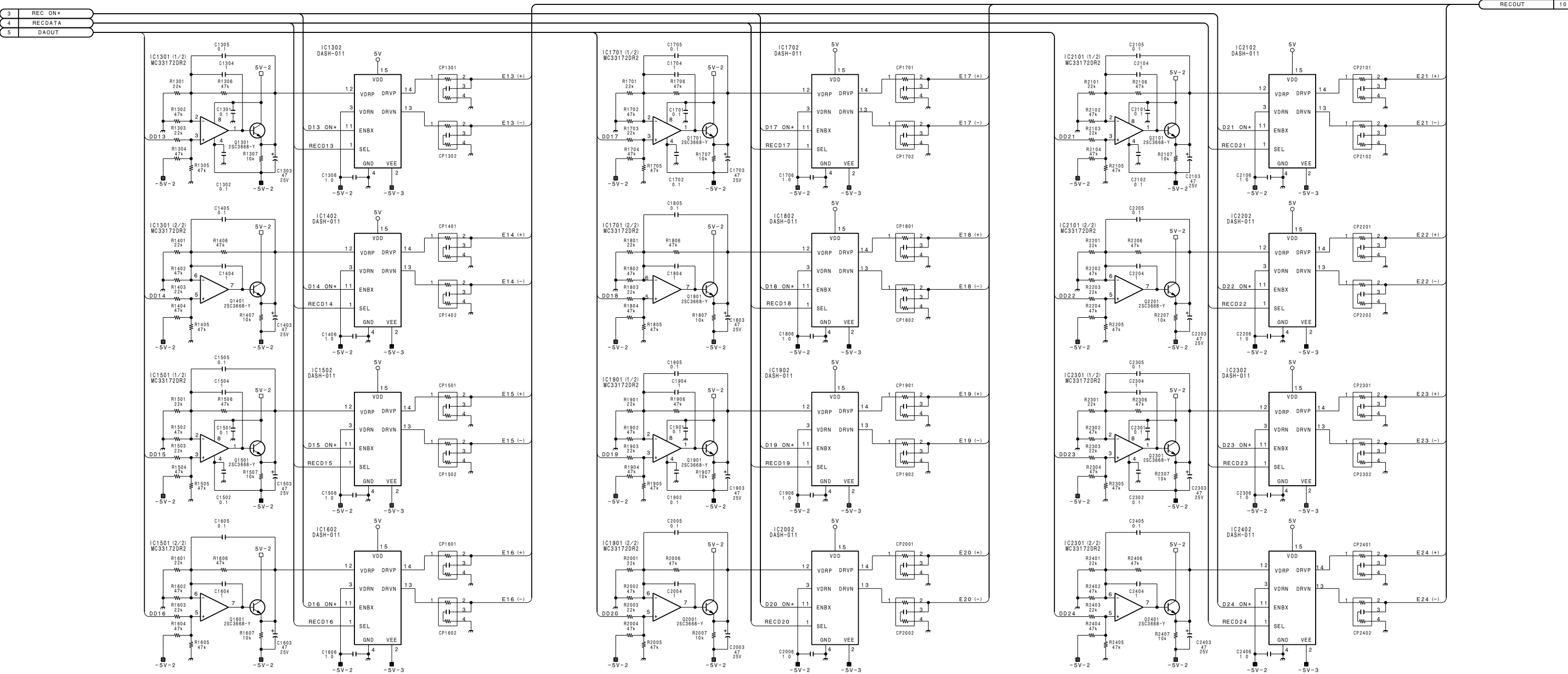


PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



RECORD  
**REC-26 (6/11)**  
BOARD NO. 1-658-940-11  
B-PCM3348HR-REC26-S/M

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



RECORD  
**REC-26 (7/11)**  
BOARD NO. 1-658-940-11  
B-WPCM3348HR-REC26-S/M

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

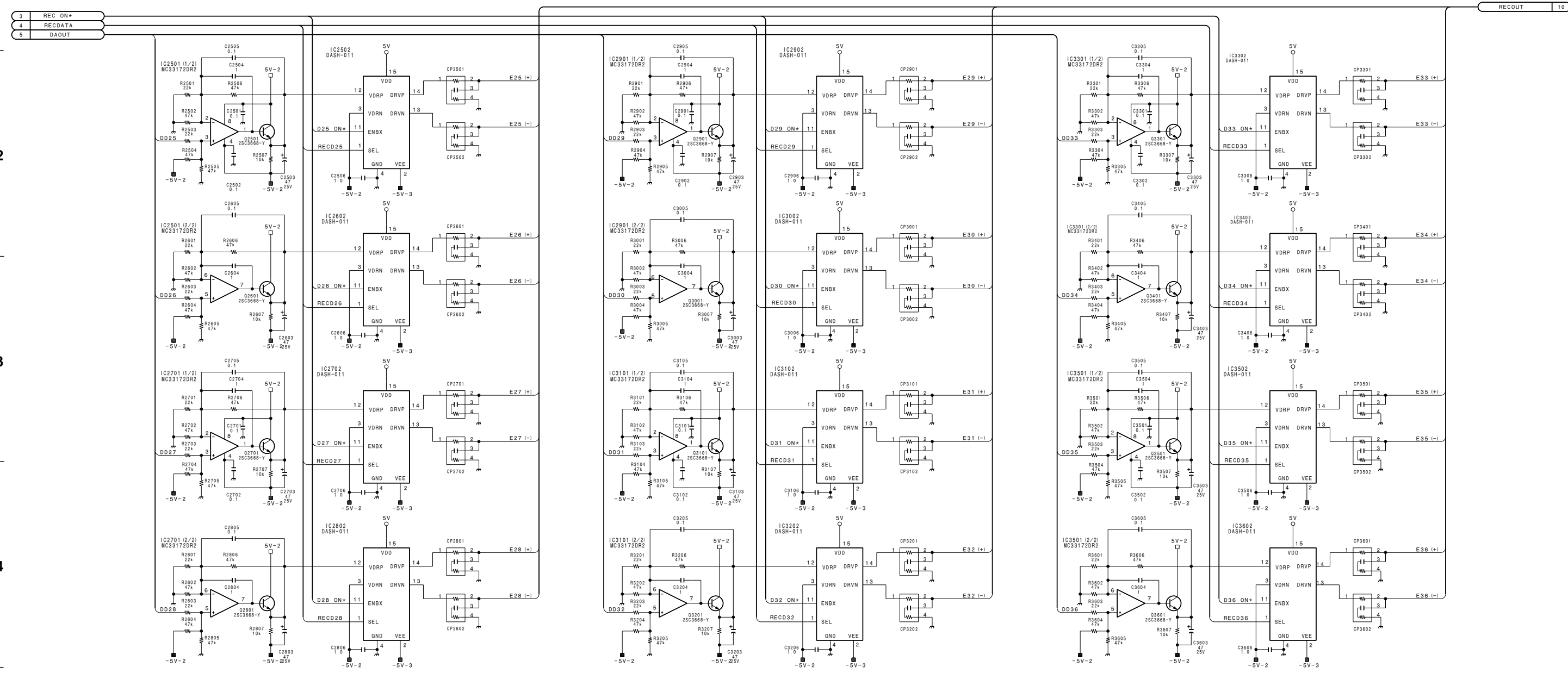
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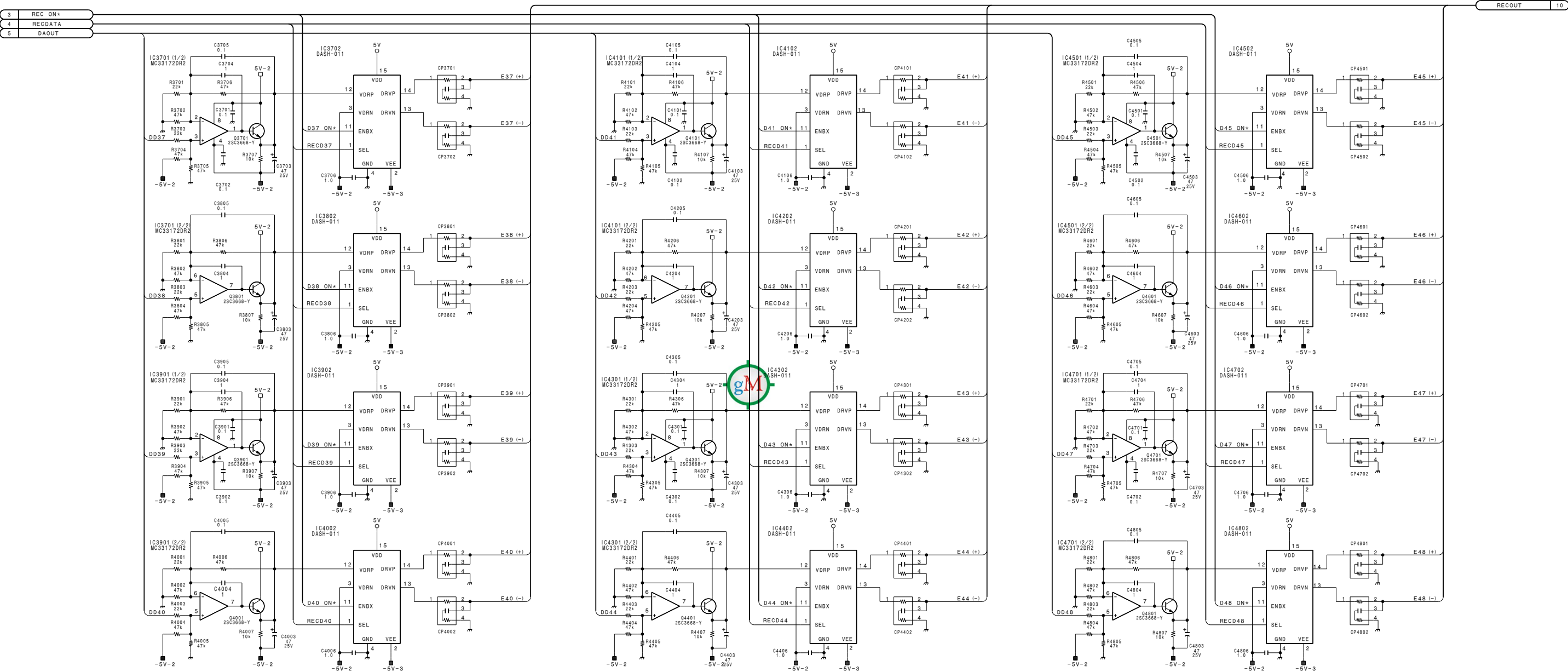
4

5



RECORD  
**REC-26 (8/11)**  
BOARD NO. 1-658-940-11  
B-PCM3348HR-REC26-S/M

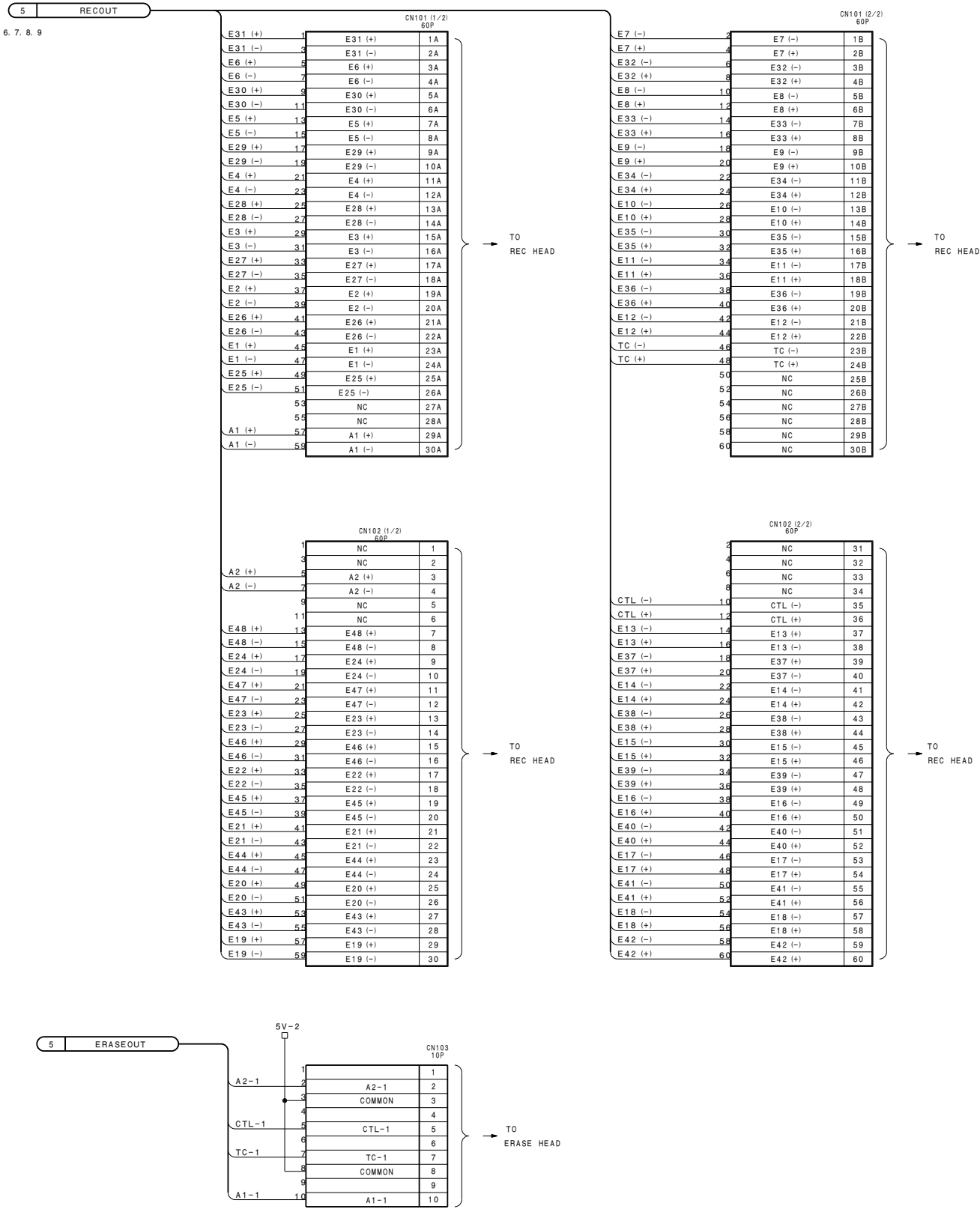
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



RECORD  
**REC-26 (9/11)**  
BOARD NO. 1-658-940-11  
B-WPCM3348HR-REC26-S/M

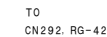
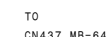


PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



RECORD  
**REC-26 (10/11)**  
BOARD NO. 1-658-940-11  
B-WPCM3348HR-REC26-S/M

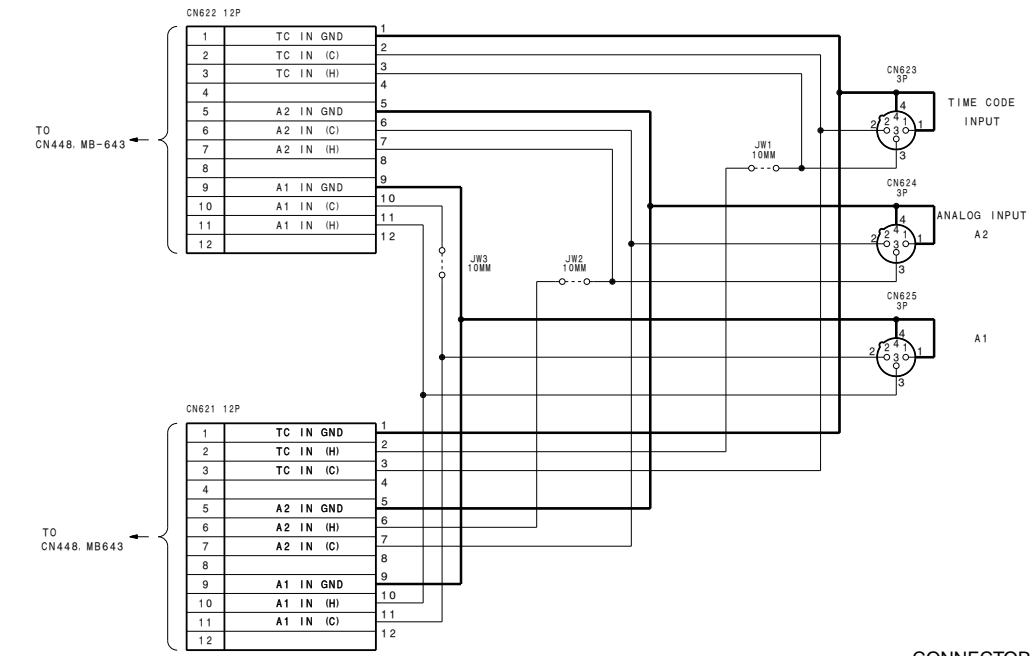
PCM-3348HR



B-PCM3348HR-REC26-S/M

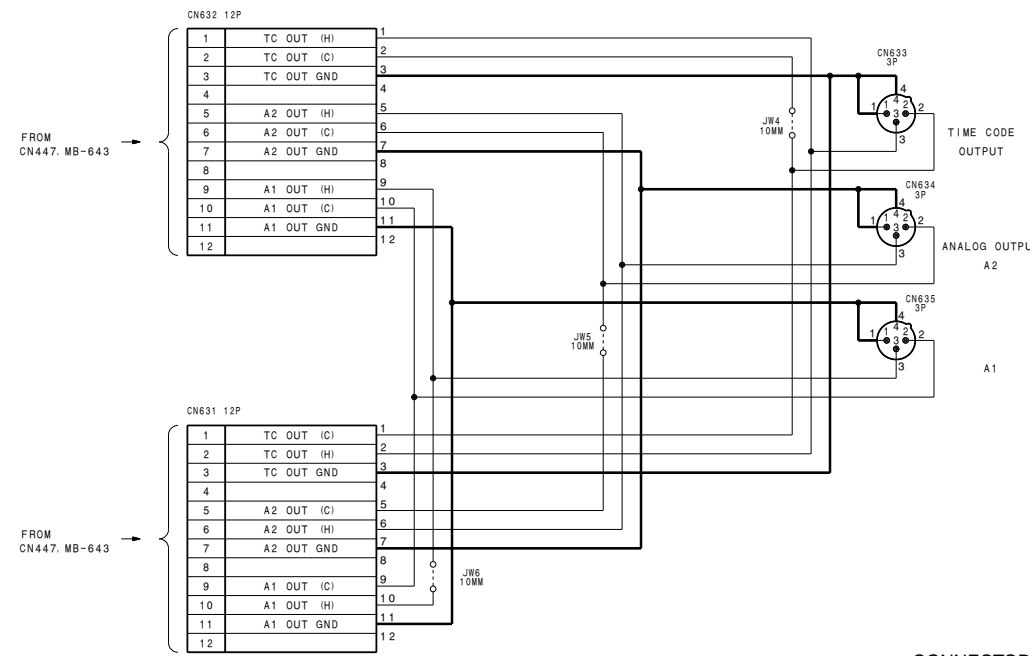
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
 PCM-3348HR (J) : S/N 30001 and Higher

1



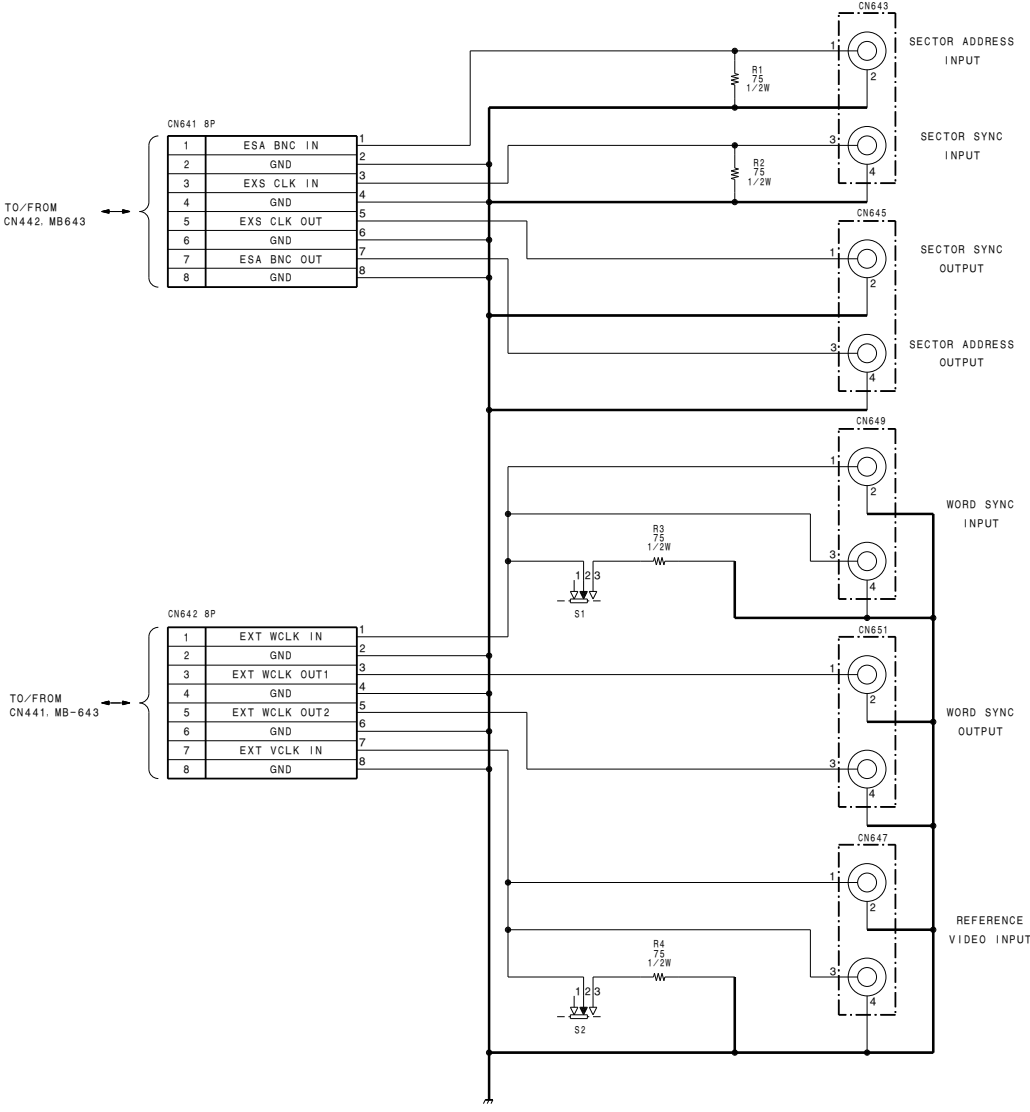
CONNECTOR  
**CN-1210**  
 BOARD NO. 1-658-967-13  
 B-WPCM3348HR-CN1210-S/M

3



CONNECTOR  
**CN-1211**  
 BOARD NO. 1-658-968-13  
 B-WPCM3348HR-CN1211-S/M

5

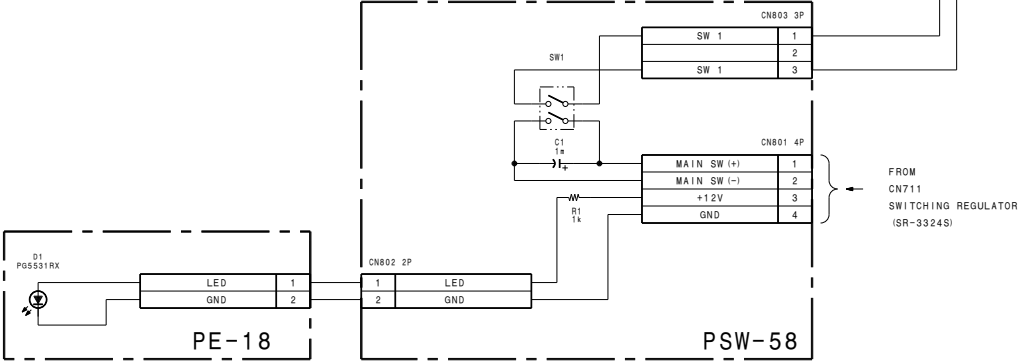
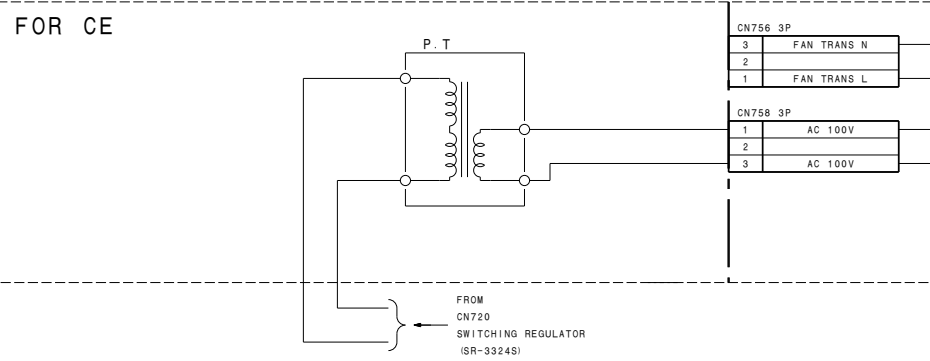
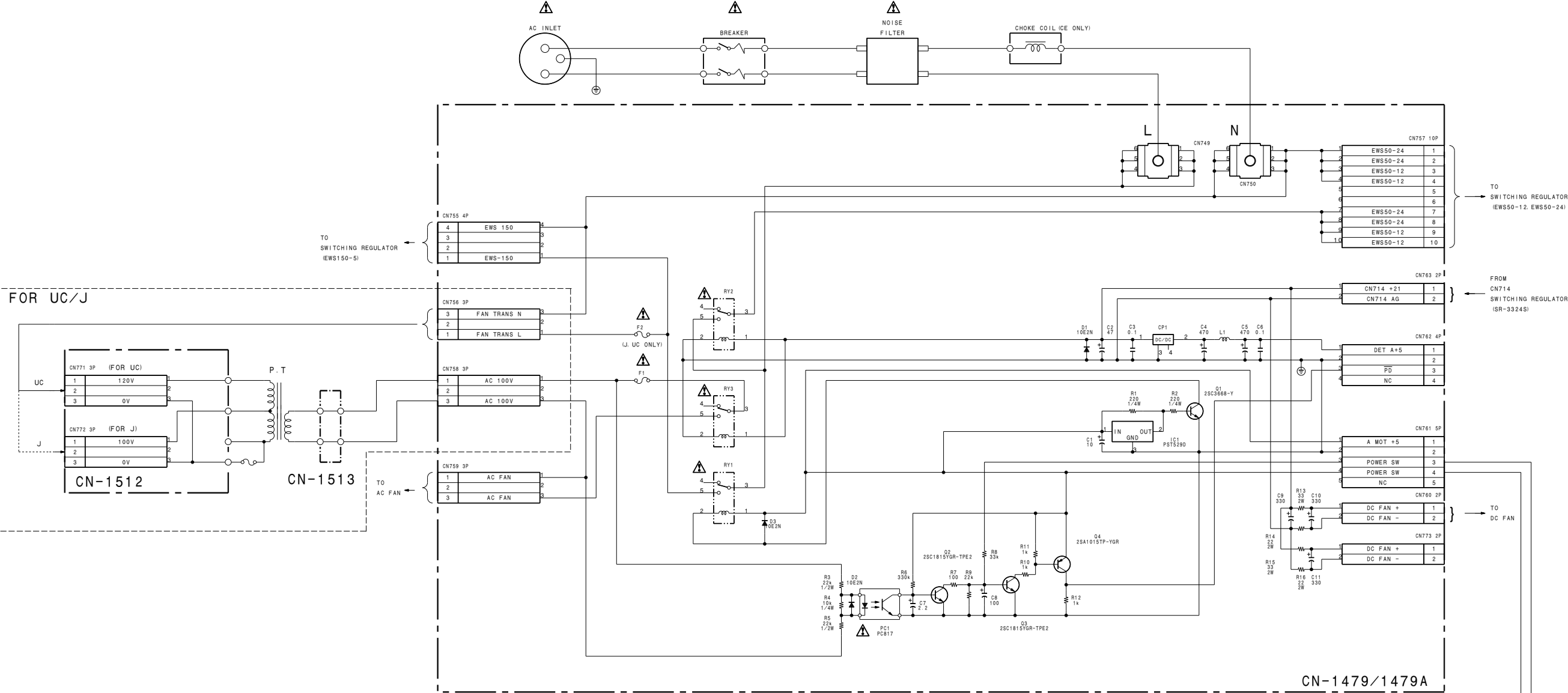


CONNECTOR  
**CN-1212**  
 BOARD NO. 1-658-969-13  
 B-WPCM3348HR-CN1212-S/M

TO/FROM  
CN442, MB-643

TO/FROM  
CN441, MB-643

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



CONNECTOR  
**CN-1479/1479A**  
BOARD NO. 1-664-149-14

CONNECTOR  
**CN-1512**  
BOARD NO. 1-664-877-13

CONNECTOR  
**CN1513**  
BOARD NO. 1-664-878-13

POWER INDICATOR  
**PE-18**  
BOARD NO. 1-620-916-11

POWER SWITCH  
**PSW-58**  
BOARD NO. 1-666-682-12  
B-PCM3348HR-CN/PSW-S/M

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

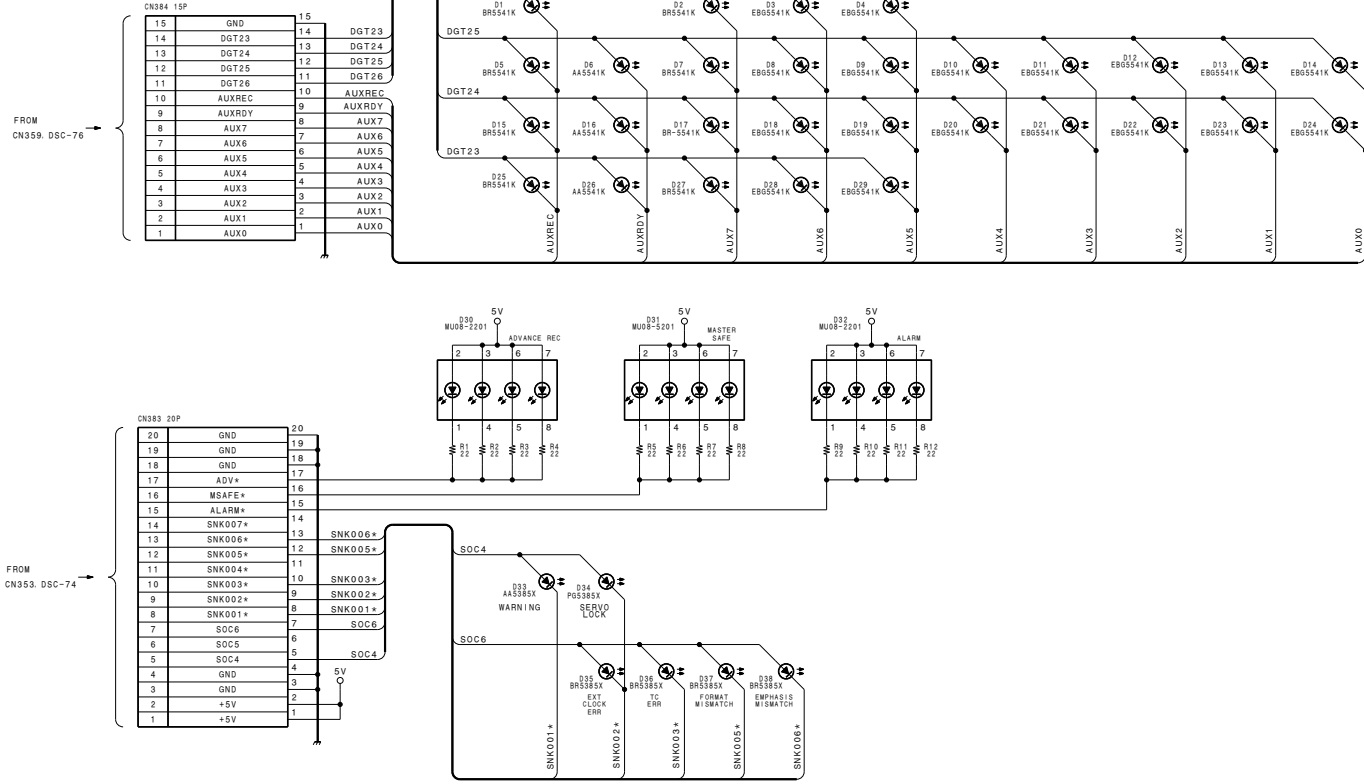
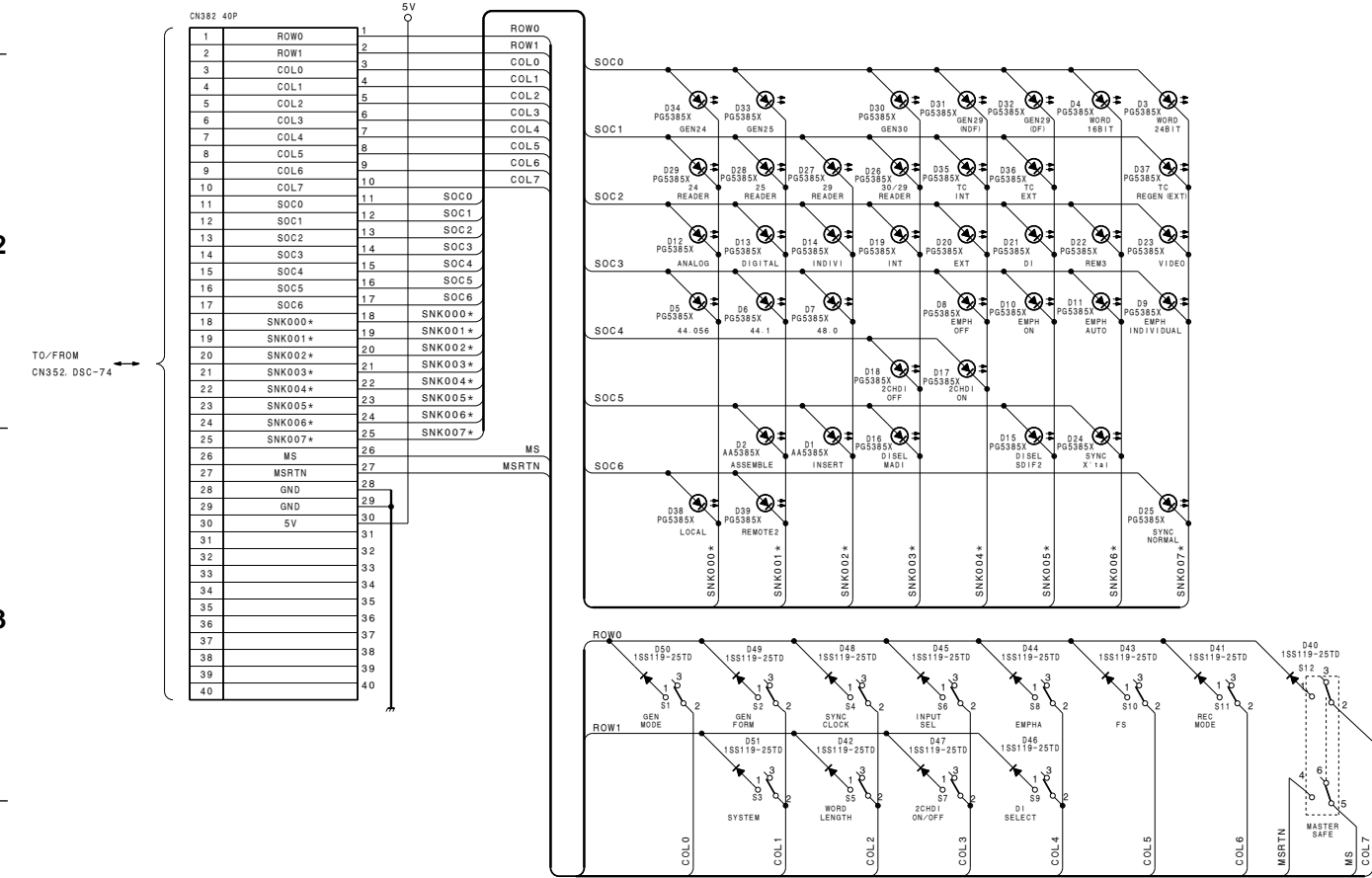
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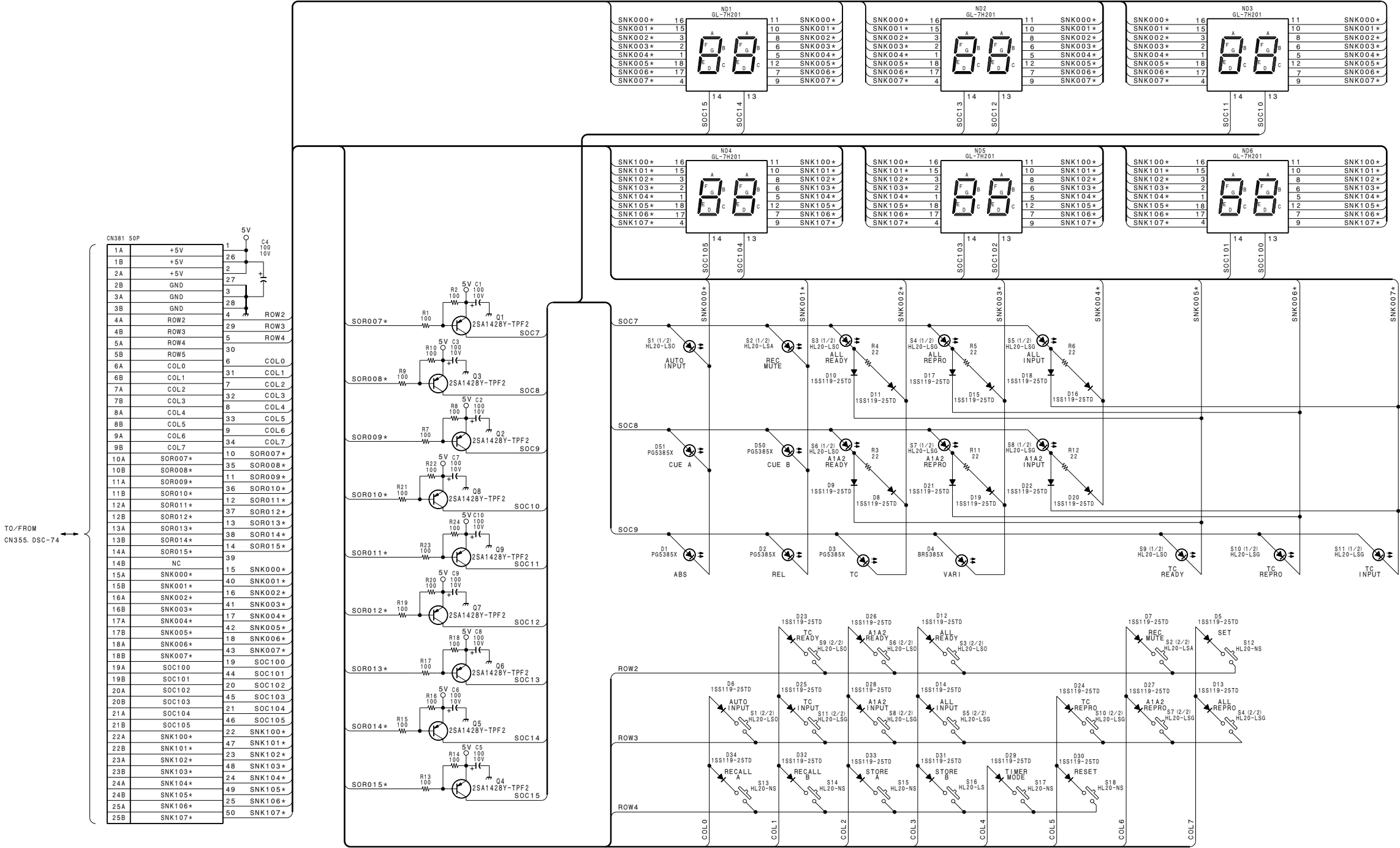
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KEYBOARD  
**KY-337**  
BOARD NO. 1-658-962-13  
B-WPCM3348HR-KY337-S/M

KEYBOARD  
**KY-338**  
BOARD NO. 1-658-952-13  
B-WPCM3348HR-KY338-S/M

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

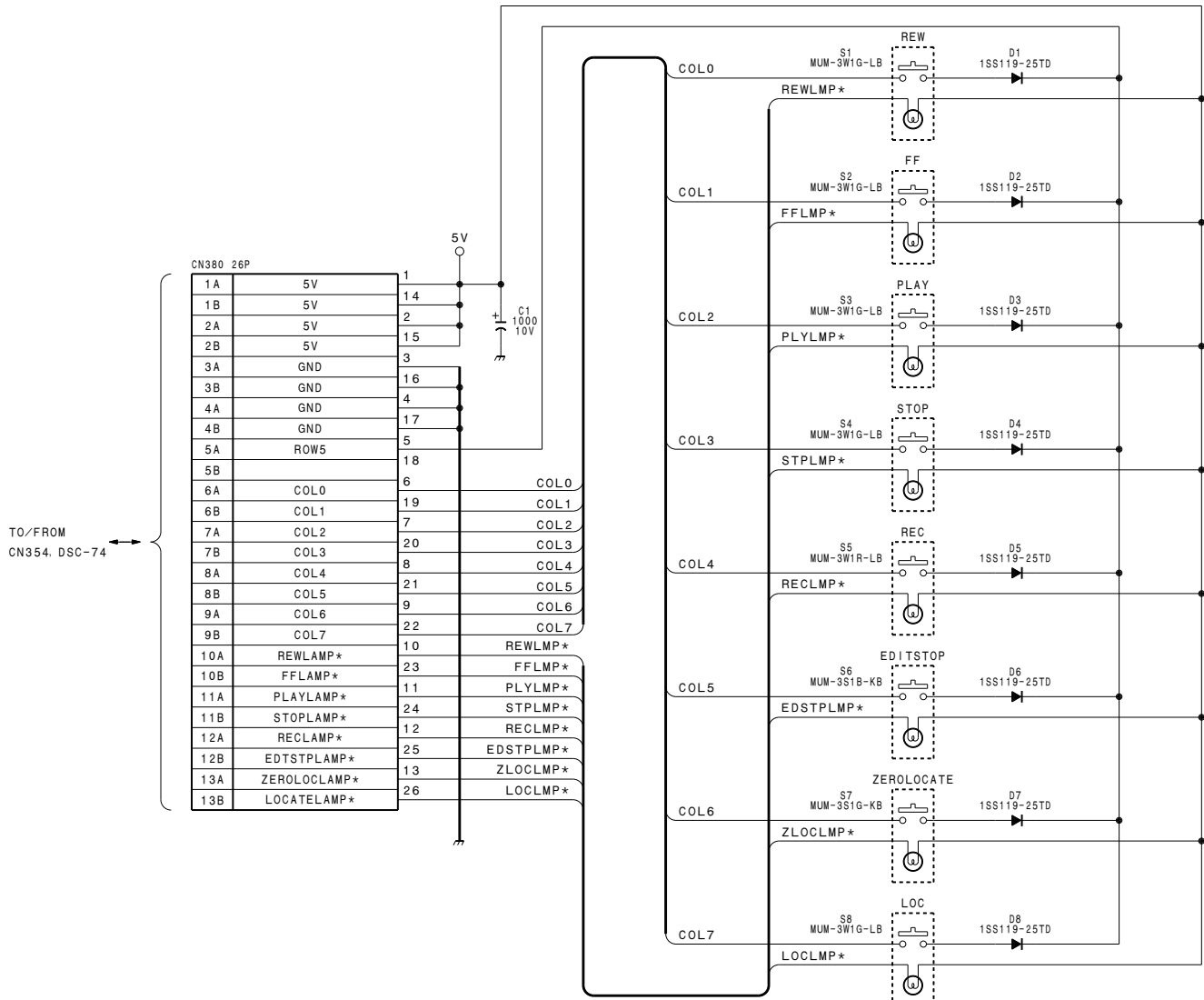
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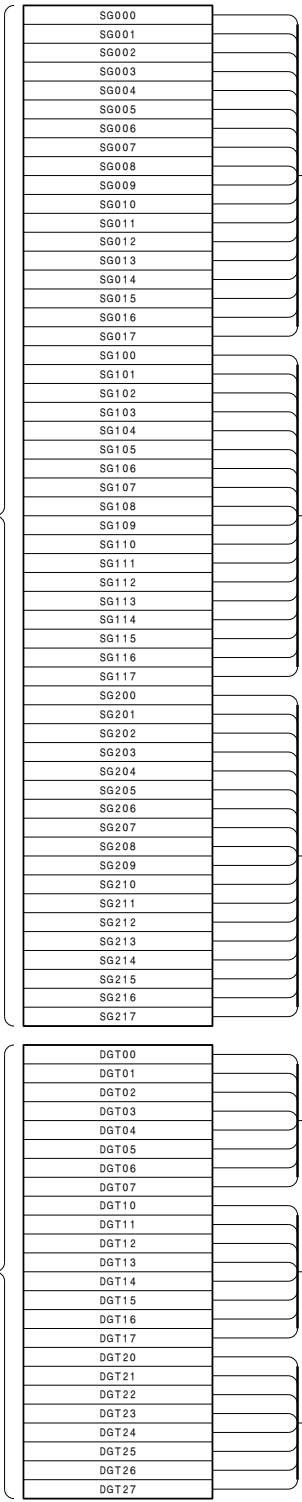
5



KEYBOARD  
**KY-344**  
BOARD NO. 1-658-963-12  
B-WPCM3348HR-KY344-S/M

FROM  
CN364/CN365/CN369/CN370  
OR  
CN366/CN367/CN368/CN371.  
DSC76

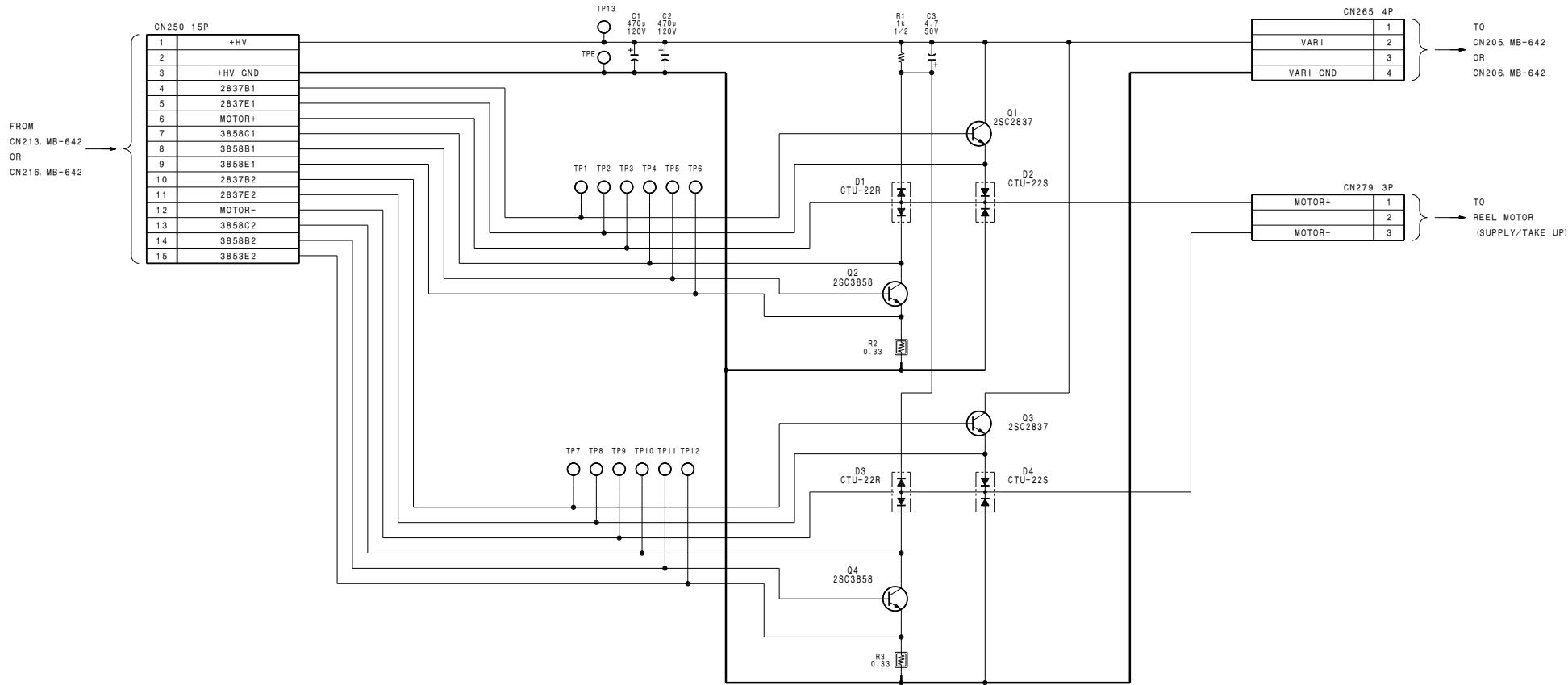
FROM  
CN362/CN363  
OR  
CN359/CN360/CN361.  
DSC76



LED DISPLAY  
**LD-24**  
BOARD NO. 1-627-136-11  
B-WPCM3348HR-LD24-S/M



PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



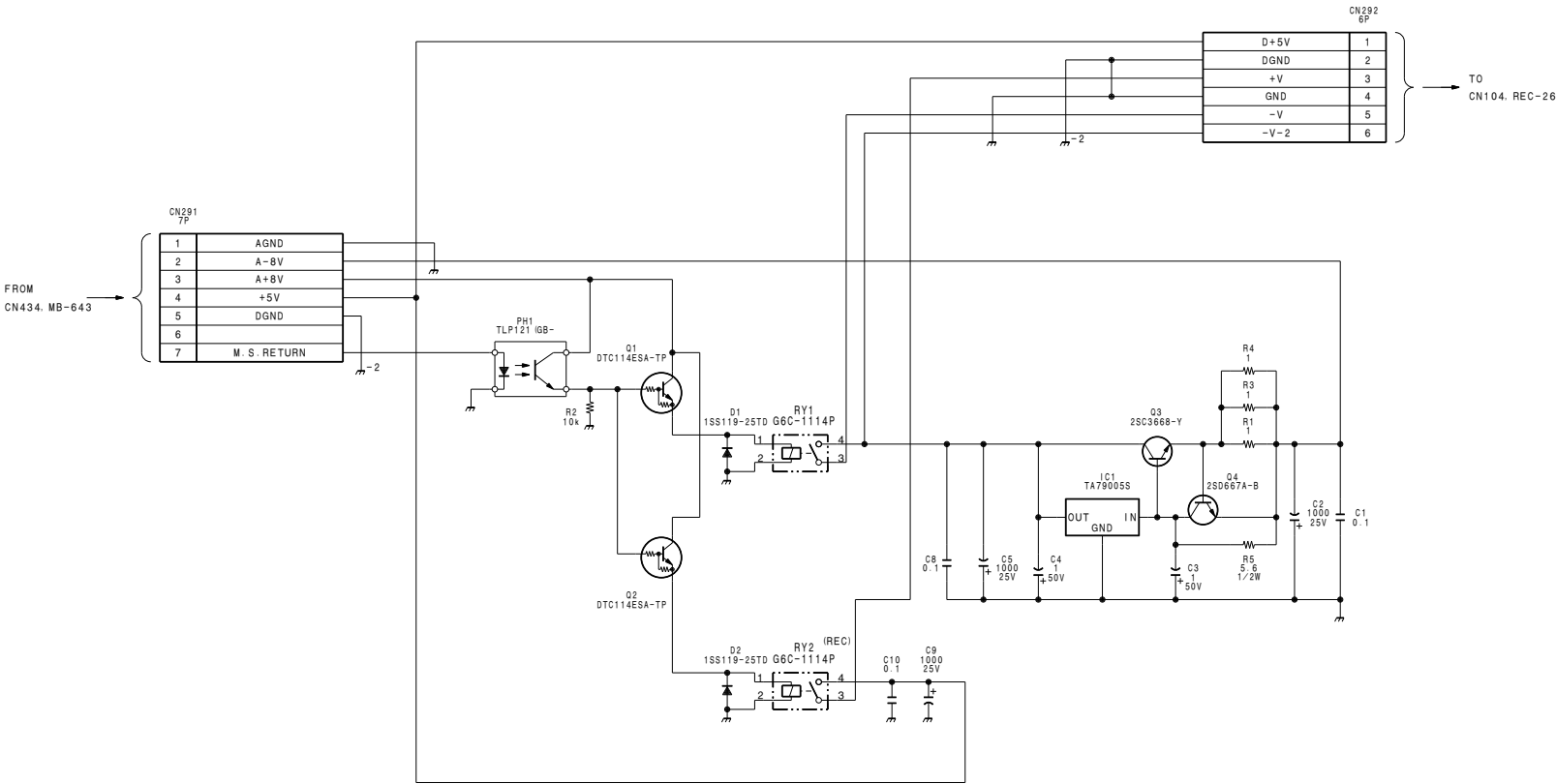
POWER TRANSISTOR

**PWT-1**

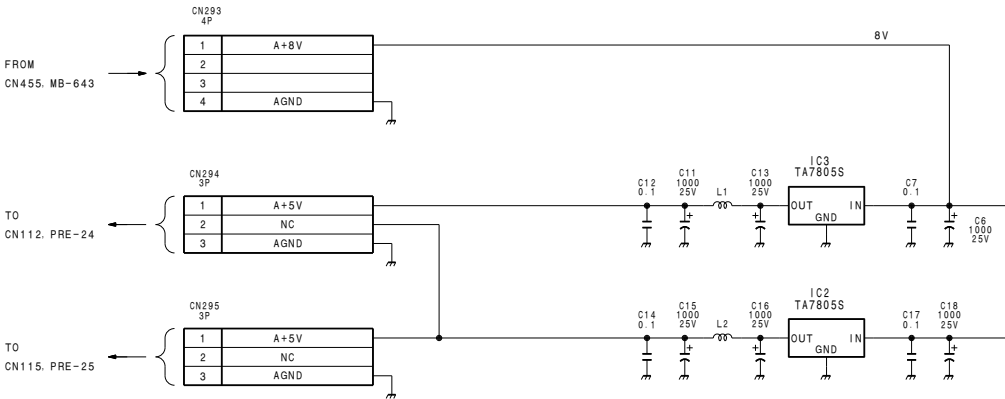
BOARD NO. 1-627-106-14

B-YPCM3348HR-PWT1-S/M

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



REGULATOR (FOR REC)  
**RG-40**  
BOARD NO. 1-663-799-12, 13  
B-WPCM3348HR-RG40-S/M



REGULATOR (FOR PRE)  
**RG-42**  
BOARD NO. 1-664-331-12, 13  
B-WPCM3348HR-RG42-S/M

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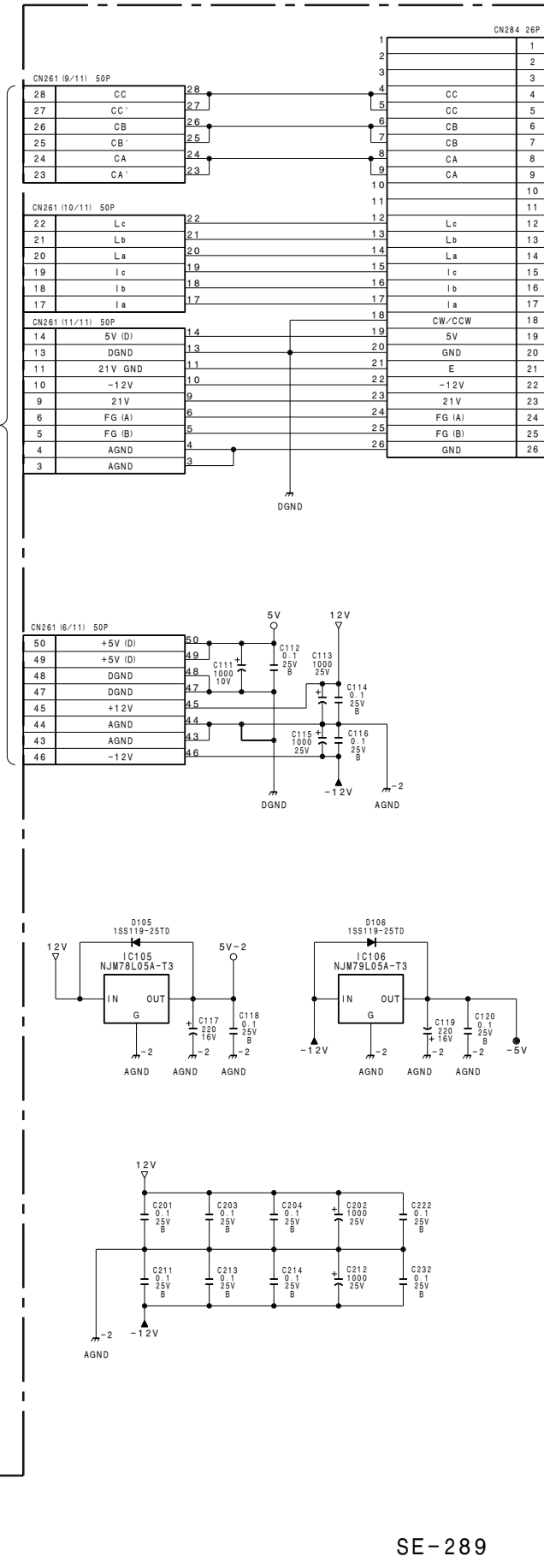
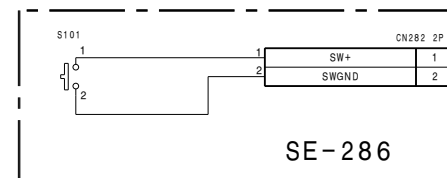
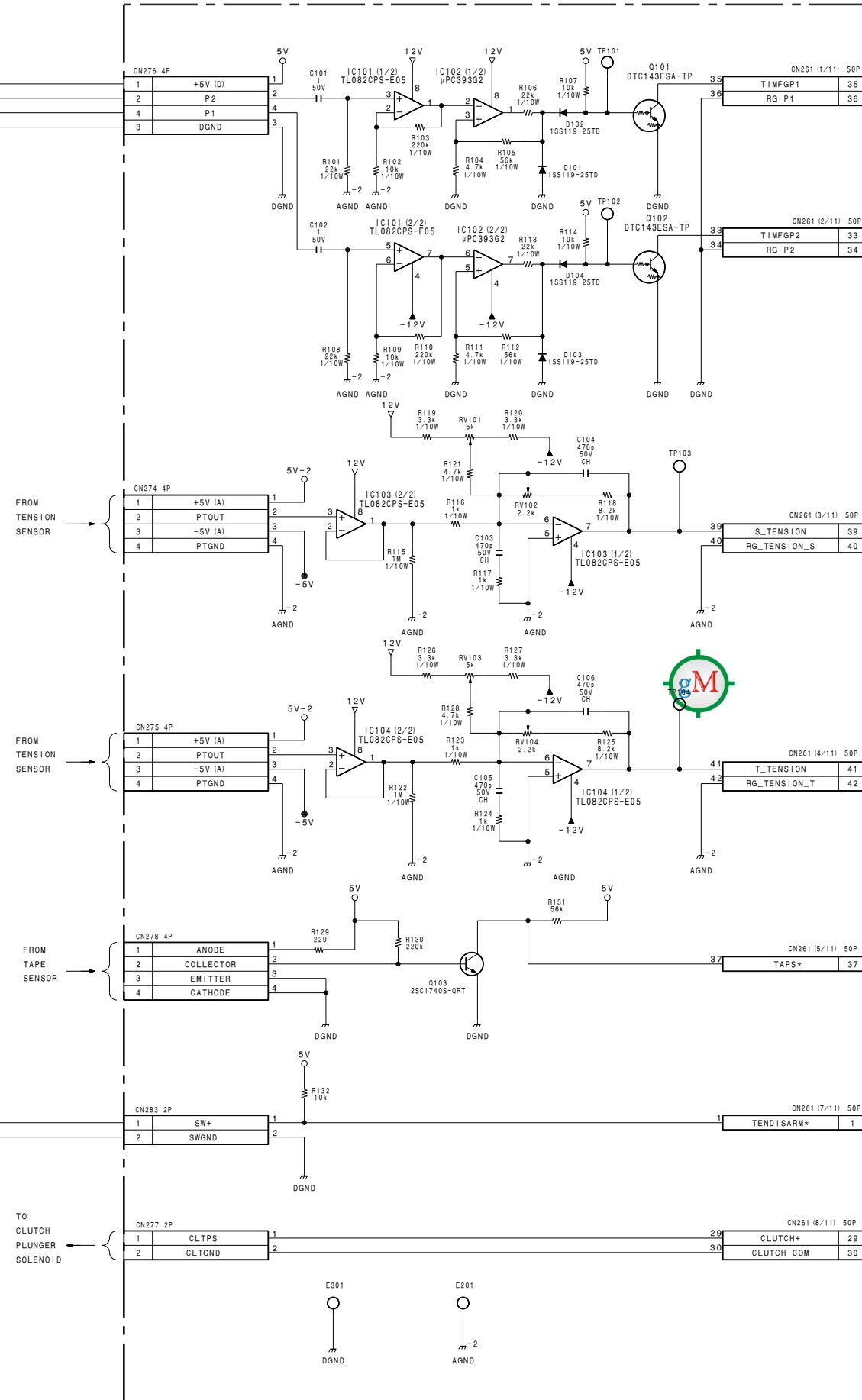
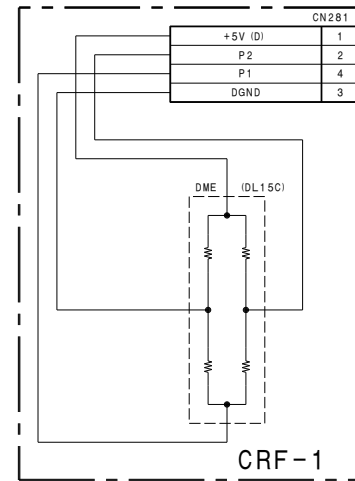
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PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



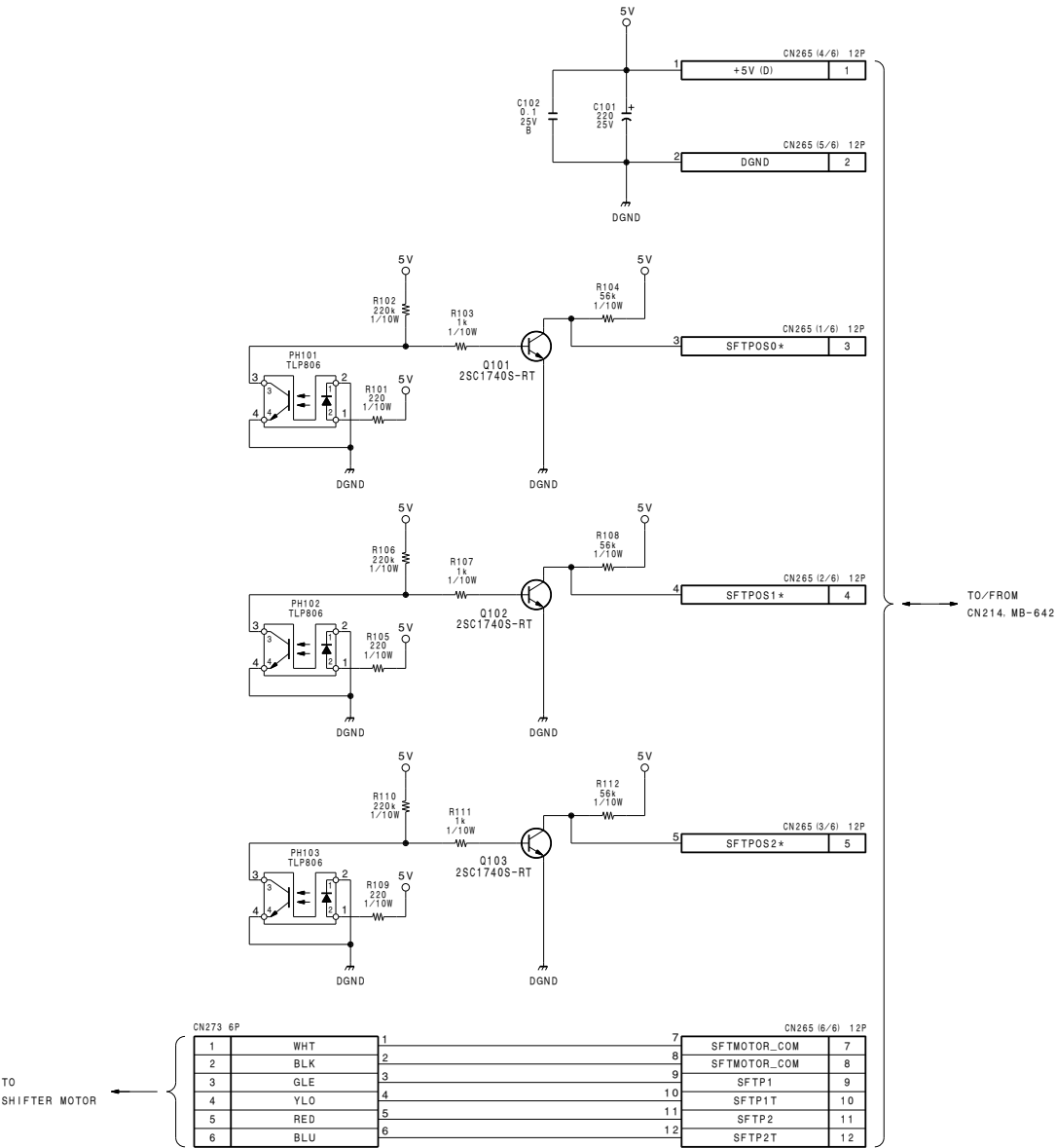
CAPSTAN ROLLER  
**CRF-1**  
BOARD NO. 1-627-103-11

SENSOR  
**SE-286**  
BOARD NO. 1-658-966-13

SENSOR  
**SE-289**  
BOARD NO. 1-658-964-13  
B-PCM3348HR-SE286/289/CRF-S/M



PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



SENSOR  
**SE-291**  
BOARD NO. 1-658-957-13  
B-WPCM3348HR-SE291-S/M

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

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CN214  
12P S. M

PIN	SIGNAL	TO/FROM
1	+5V (D)	CN209
2	DGND	CN209
3	SFTPOS0*	CN201
4	SFTPOS1*	CN201
5	SFTPOS2*	CN201
6		
7	SFTCOM	CN201
8	SFTCOM	CN201
9	SFTP1	CN201
10	SFTP1T	CN201
11	SFTP2	CN201
12	SFTP2T	CN201

TO/FROM  
CN265, SE-291

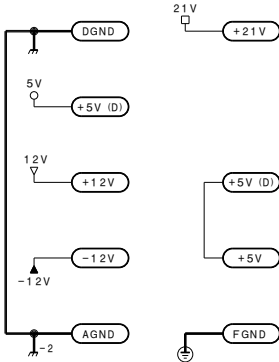
2

CN215  
20P S. G. M

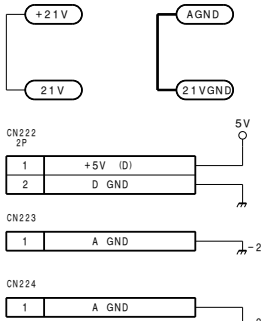
PIN	SIGNAL	TO/FROM	PIN	SIGNAL	TO/FROM
1	GMS-	CN201	2	GMS+	CN201
3			4		
5	-12V	CN209	6	AGND	CN209
7	AGND	CN209	8	+12V	CN209
9	+5V (D)	CN209	10	DGND	CN209
11	GMPOS1S*	CN201	12	GMPOS0S*	CN201
13	SRFGP2	CN201	14	SRFGP1	CN201
15	SBRKPULL	CN201	16	SBRKHOLD	CN201
17			18	RSCLK	CN201
19	SRS1	CN201	20	SRS0	CN201

TO/FROM  
CN253, SE-290

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4



5

CN213  
50P CAPSTAN

PIN	SIGNAL	TO/FROM	PIN	SIGNAL	TO/FROM
1	TENDISARM*	CN202	2		
3	AGND	CN209	4	AGND	CN209
5	FG (B)	CN201	6	FG (A)	CN201
7			8		
9	21V	CN207	10	-12V	CN209
11	21VGND	CN207	12		
13	DGND	CN209	14	+5V	CN209
15			16		
17	LA'	CN201	18	LB'	CN201
19	LC'	CN201	20	LA	CN201
21	LB	CN201	22	LC	CN201
23	CA'	CN201	24	CA	CN201
25	CB'	CN201	26	CB	CN201
27	CC'	CN201	28	CC	CN201
29	CLUTCH+	CN201	30	CLUTCHCOM	CN201
31			32		
33	TIMFGP2	CN201	34	RG-TIMFGP2	CN201
35	TIMFGP1	CN201	36	RG-TIMFGP1	CN201
37	TAPS*	CN201	38		
39	S-TENSION	CN201	40	RG-TENSIONS	CN201
41	T-TENSION	CN201	42	RG-TENSIONT	CN201
43	AGND	CN209	44	AGND	CN209
45	+12V	CN209	46	-12V	CN209
47	DGND	CN209	48	DGND	CN209
49	+5V (D)	CN209	50	+5V (D)	CN209

TO/FROM  
CN261, SE-289

CN216  
10P NW

PIN	SIGNAL	TO/FROM	PIN	SIGNAL	TO/FROM
1	DGND	CN209	2	+5V	CN209
3	LB'	CN201	4	LC'	CN201
5	LC	CN201	6	LB	CN201
7			8	CC, CC'	CN201
9	CB, CB'	CN201	10	CA, CA'	CN201

FROM  
TIMER FG  
(CAPSTAN MOTOR)

CN212  
20P T. G. M

PIN	SIGNAL	TO/FROM	PIN	SIGNAL	TO/FROM
1	GMT-	CN201	2	GMT+	CN201
3			4		
5	-12V	CN209	6	AGND	CN209
7	AGND	CN209	8	+12V	CN209
9	+5V (D)	CN209	10	DGND	CN209
11	GMPOS1T*	CN201	12	GMPOS0T*	CN201
13	TRFGP2	CN201	14	TRFGP1	CN201
15	TBRKPULL	CN201	16	TBRKHOLD	CN201
17			18	RSCLK	CN201
19	TRS1	CN201	20	TRS0	CN201

TO/FROM  
CN253, SE-290

CN217  
5P

PIN	SIGNAL	TO/FROM
1	FG (A)	CN201
2		
3	+12V	CN209
4	AGND	CN209
5	-12V	CN209

TO  
CAPSTAN MOTOR

CN201 SV

PIN	A	TO/FROM	B	TO/FROM	C	TO/FROM	D	TO/FROM
1	AGND	CN209					AGND	CN209
2	TAPS*	CN213					S-TENSION	CN213
3	RG-TENSIONS	CN213					SBRKHOLD	CN215
4	SBRKPULL	CN215					SRFGP1	CN215
5	SRFGP2	CN215					SRS1	CN215
6	SRS0	CN215					GMS+	CN215
7	GMS-	CN215					GMPOS0S*	CN215
8	GMPOS1S*	CN215					SFTPOS0*	CN214
9	SFTPOS1*	CN214					SFTPOS2*	CN214
10	SFTCOM	CN214					SFTCOM	CN214
11	SFTP1T	CN214					SFTP1	CN214
12	SFTP2T	CN214					SFTP2	CN214
13							RSCLK	CN212, 215
14	SHTL	CN210						
15	GMT+	CN212					GMT-	CN212
16	GMPOS0T*	CN212					GMPOS1T*	CN212
17	TRS1	CN212					TRS0	CN212
18	TRFGP1	CN212					TRFGP2	CN212
19	TBRKHOLD	CN212					TBRKPULL	CN212
20	T-TENSION	CN213					RG-TENSIONT	CN213
21	TIMFGP1	CN213					RG-TIMFGP1	CN213
22	TIMFGP2	CN213					RG-TIMFGP2	CN213
23	CLUTCH+	CN213					CLUTCHCOM	CN213
24	FG (B)	CN213					FG (A)	CN213
25	LB'	CN213					LA'	CN213
26	LA	CN213					LC'	CN213
27	LC	CN213					LB	CN213
28	CA'	CN213					CA	CN213
29	CB'	CN213					CB	CN213
30	CC'	CN213					CC	CN213
31	+5V (D)	CN209					+5V (D)	CN209
32	DGND	CN209					DGND	CN209

TO/FROM  
CN601, SV-163

MOTHER BOARD  
**MB-642 (1/3)**  
BOARD NO. 1-658-944-12  
B-WPCM3348HR-MB642/VR56-S/M





PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

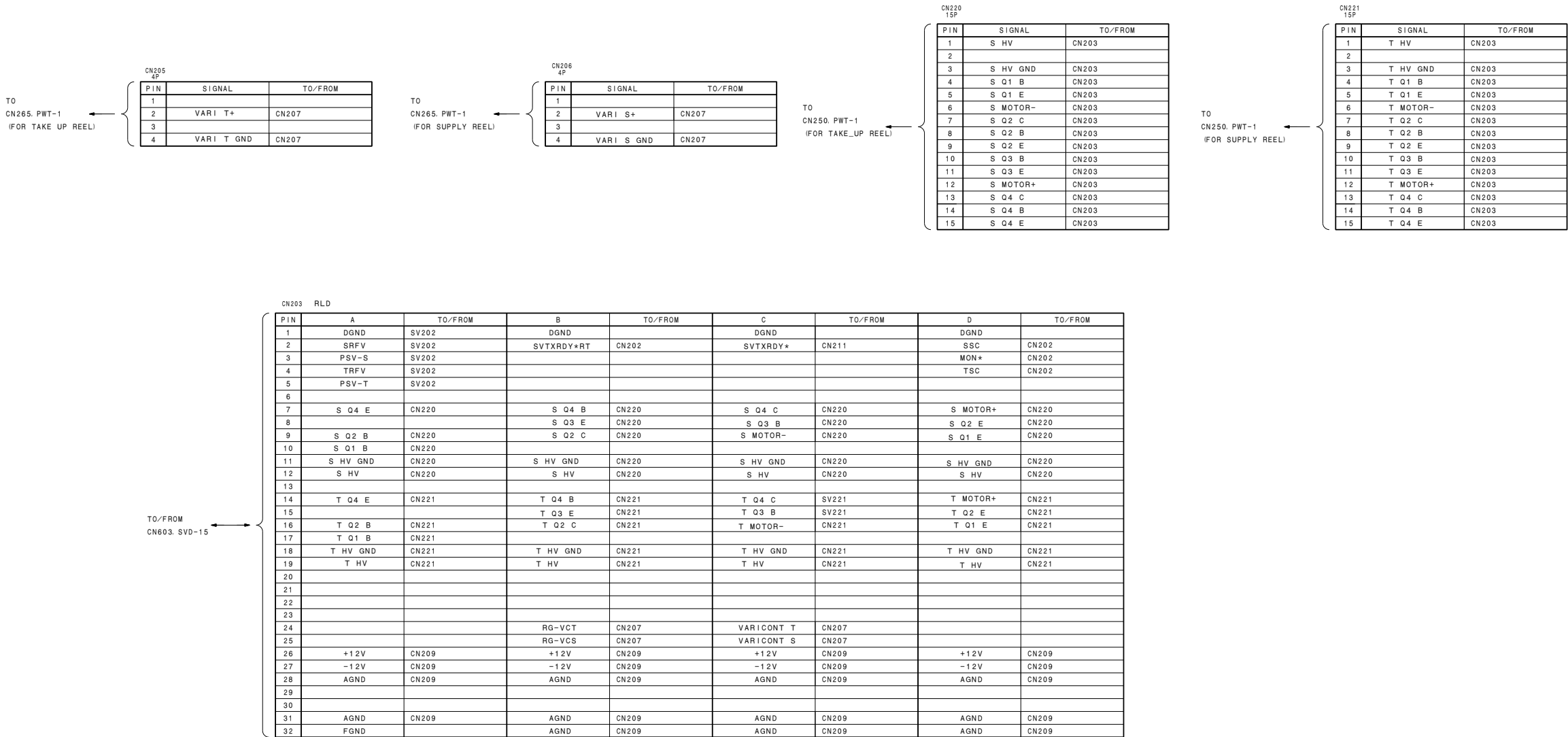
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PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

CN401 128P DET-1

PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	DGND		DGND		DGND		DGND	
2	AGND (+5V)	CN433	AGND (+5V)	CN433	AGND (+5V)	CN433	AGND (+5V)	CN433
3	CH11	CN430	CH11 (G)	CN430	CH12	CN430	CH12 (G)	CN430
4	CH9	CN430	CH9 (G)	CN430	CH10	CN430	CH10 (G)	CN430
5	CH7	CN430	CH7 (G)	CN430	CH8	CN430	CH8 (G)	CN430
6	CH5	CN429	CH5 (G)	CN429	CH6	CN429	CH6 (G)	CN429
7	CH3	CN429	CH3 (G)	CN429	CH4	CN429	CH4 (G)	CN429
8	CH1	CN429	CH1 (G)	CN429	CH2	CN429	CH2 (G)	CN429, CN430
9	A1	CN429	A1 (G)	CN429	CONTR1	CN429, CN430	CONTR1	
10	GA1N1	CN429	PWM+/BIAS1	CN429	GA1N2	CN431	PWM+/BIAS2	CN431
11	SEPD1-1	CN405	SEPD1-2	CN405	SEPD1-3	CN405	SEPD1-4	CN405
12	SEPC1-1	CN405	SEPC1-2	CN405	SEPC1-3	CN405	SEPC1-4	CN405
13	DGND		DGND		DGND		DGND	
14	SEPD1-5	CN405	SEPD1-6	CN405	SEPD1-7	CN405	SEPD1-8	CN405
15	SEPC1-5	CN405	SEPC1-6	CN405	SEPC1-7	CN405	SEPC1-8	CN405
16	DGND		DGND		DGND		DGND	
17	SEPD1-9	CN406	SEPD1-10	CN406	SEPD1-11	CN406	SEPD1-12	CN406
18	SEPC1-9	CN406	SEPC1-10	CN406	SEPC1-11	CN406	SEPC1-12	CN406
19	DGND		DGND		DGND		DGND	
20	NC		NC		NC		NC	
21	SCLK3	CN403, CN438	SBUS3	CN403, CN438	SCLK4	CN403	SBUS4	CN403
22	DGND		DGND		DGND		DGND	
23	NC		NC		NC		NC	
24	DETTXRDY0+	CN411	DETS10+	CN411	DETSCK0+	CN411	DETRD0+	CN411
25	DETS00+	CN411	DETTXEND0+	CN411	DGND		DGND	
26	CLKSEL	CN403	EXC-A	CN403	EXC-B	CN403	EXC-C	CN403
27	EXSEL1	CN403	EXSEL2	CN403	EXSEL3	CN403	EXSEL4	CN403
28	CHSEL1	CN403	CHSEL2	CN403	AGCOFF+	CN403	EXAGC	CN403
29	D1S0	CN403	D1S1	CN403	ASDOWNS+	CN403	EORESET+	CN403
30	DGND		DGND		DGND		DGND	
31	AGND (+5V)	CN433	AGND (+5V)	CN433	AGND (+5V)	CN433	AGND (+5V)	CN433
32	DGND		DGND		DGND		DGND	

CN402 128P DET-1

PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	DGND		DGND		DGND		DGND	
2	AGND (+5V)	CN433	AGND (+5V)	CN433	AGND (+5V)	CN433	AGND (+5V)	CN433
3	DGND		RESET0+	CN412	+5V			
4	SEPD1-13	CN406	SEPD1-14	CN406	SEPD1-15	CN406	SEPD1-16	CN406
5	SEPC1-13	CN406	SEPC1-14	CN406	SEPC1-15	CN406	SEPC1-16	CN406
6	DGND		DGND		DGND		DGND	
7	SEPD1-17	CN407	SEPD1-18	CN407	SEPD1-19	CN407	SEPD1-20	CN407
8	SEPC1-17	CN407	SEPC1-18	CN407	SEPC1-19	CN407	SEPC1-20	CN407
9	DGND		DGND		DGND		DGND	
10	SEPD1-21	CN407	SEPD1-22	CN407	SEPD1-23	CN407	SEPD1-24	CN407
11	SEPC1-21	CN407	SEPC1-22	CN407	SEPC1-23	CN407	SEPC1-24	CN407
12	DGND		DGND		DGND		DGND	
13	PBON1	CN430	MON+/SYNC1	CN430	PBON2	CN432	MON+/SYNC2	CN432
14	TC	CN430	TC (G)	CN430	CONTR2	CN431, CN432	CONTR2	CN431, CN432
15	CH23	CN432	CH23 (G)	CN432	CH24	CN432	CH24 (G)	CN432
16	CH21	CN432	CH21 (G)	CN432	CH22	CN432	CH22 (G)	CN432
17	CH19	CN432	CH19 (G)	CN432	CH20	CN432	CH20 (G)	CN432
18	CH17	CN431	CH17 (G)	CN431	CH18	CN431	CH18 (G)	CN431
19	CH15	CN431	CH15 (G)	CN431	CH16	CN431	CH16 (G)	CN431
20	CH13	CN431	CH13 (G)	CN431	CH14	CN431	CH14 (G)	CN431
21	NC		NC		NC		NC	
22	SEL-192FS (+)	CN414	SEL-192FS (-)	CN414	SEL-BSYNC+ (+)	CN414	SEL-BSYNC+ (-)	CN414
23	SEL-WSYNC+ (+)	CN414	SEL-WSYNC+ (-)	CN414	SEL-SSYNC+ (+)	CN414	SEL-SSYNC+ (-)	CN414
24	DGND		DGND		DGND		DGND	
25	AGND (+5V)	CN433	AGND (+5V)	CN433	AGND (+5V)	CN433	AGND (+5V)	CN433
26	AGND (+5V)	CN433	AGND (+5V)	CN433	AGND (+5V)	CN433	AGND (+5V)	CN433
27	A+5V		A+5V		A+5V		A+5V	
28	A+5V		A+5V		A+5V		A+5V	
29	+5V		+5V		+5V		+5V	
30	+5V		+5V		+5V		+5V	
31	DGND		DGND		DGND		DGND	
32	FG	CN460	DGND		DGND		DGND	

CN403 128P DET-2

PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	DGND		DGND		DGND		DGND	
2	AGND (+5V)	CN433	AGND (+5V)	CN433	AGND (+5V)	CN433	AGND (+5V)	CN433
3	CH35	CN430	CH35 (G)	CN430	CH36	CN430	CH36 (G)	CN430
4	CH33	CN430	CH33 (G)	CN430	CH34	CN430	CH34 (G)	CN430
5	CH31	CN430	CH31 (G)	CN430	CH32	CN430	CH32 (G)	CN430
6	CH29	CN429	CH29 (G)	CN429	CH30	CN429	CH30 (G)	CN429
7	CH27	CN429	CH27 (G)	CN429	CH28	CN429	CH28 (G)	CN429
8	CH25	CN429	CH25 (G)	CN429	CH26	CN429	CH26 (G)	CN429
9	CTL	CN431	CTL (G)	CN431	NC		NC	
10	NC		NC		NC		NC	
11	SEPD1-25	CN408	SEPD1-26	CN408	SEPD1-27	CN408	SEPD1-28	CN408
12	SEPC1-25	CN408	SEPC1-26	CN408	SEPC1-27	CN408	SEPC1-28	CN408
13	DGND		DGND		DGND		DGND	
14	SEPD1-29	CN408	SEPD1-30	CN408	SEPD1-31	CN408	SEPD1-32	CN408
15	SEPC1-29	CN408	SEPC1-30	CN408	SEPC1-31	CN408	SEPC1-32	CN408
16	DGND		DGND		DGND		DGND	
17	SEPD1-33	CN409	SEPD1-34	CN409	SEPD1-35	CN409	SEPD1-36	CN409
18	SEPC1-33	CN409	SEPC1-34	CN409	SEPC1-35	CN409	SEPC1-36	CN409
19	DGND		DGND		DGND		DGND	
20	NC		NC		NC		NC	
21	SCLK3	CN401, CN438	SBUS3	CN401, CN438	SCLK4	CN401	SBUS4	CN401
22	NC		NC		DGND		DGND	
23	NC		NC		NC		NC	
24	DETTXRDY1+	CN412	DETS11+	CN412	DETSCK1+	CN412	DETRD1+	CN412
25	DETS01+	CN412	DETTXEND1+	CN412	DGND		DGND	
26	CLKSEL	CN401	EXC-A	CN401	EXC-B	CN401	EXC-C	CN401
27	EXSEL1	CN401	EXSEL2	CN401	EXSEL3	CN401	EXSEL4	CN401
28	CHSEL1	CN401	CHSEL2	CN401	AGCOFF+	CN401	EXAGC	CN401
29	D1S0	CN401	D1S1	CN401	ASDOWNS+	CN401	EORESET+	CN401
30	DGND		DGND		DGND		DGND	
31	AGND (+5V)	CN433	AGND (+5V)	CN433	AGND (+5V)	CN433	AGND (+5V)	CN433
32	DGND		DGND		DGND		DGND	

CN404 128P DET-2

PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	DGND		DGND		DGND		DGND	
2	AGND (+5V)	CN433	AGND (+5V)	CN433	AGND (+5V)	CN433	AGND (+5V)	CN433
3	DGND		RESET0+	CN412	DGND		NC	
4	SEPD1-37	CN409	SEPD1-38	CN409	SEPD1-39	CN409	SEPD1-40	CN409
5	SEPC1-37	CN409	SEPC1-38	CN409	SEPC1-39	CN409	SEPC1-40	CN409
6	DGND		DGND		DGND		DGND	
7	SEPD1-41	CN410	SEPD1-42	CN410	SEPD1-43	CN410	SEPD1-44	CN410
8	SEPC1-41	CN410	SEPC1-42	CN410	SEPC1-43	CN410	SEPC1-44	CN410
9	DGND		DGND		DGND		DGND	
10	SEPD1-45	CN410	SEPD1-46	CN410	SEPD1-47	CN410	SEPD1-48	CN410
11	SEPC1-45	CN410	SEPC1-46	CN410	SEPC1-47	CN410	SEPC1-48	CN410
12	DGND		DGND		DGND		DGND	
13	NC		NC		NC		NC	
14	A2	CN432	A2 (G)	CN432	NC		NC	
15	CH47	CN432	CH47 (G)	CN432	CH48	CN432	CH48 (G)	CN432
16	CH45	CN432	CH45 (G)	CN432	CH46	CN432	CH46 (G)	CN432
17	CH43	CN432	CH43 (G)	CN432	CH44	CN432	CH44 (G)	CN432
18	CH41	CN431	CH41 (G)	CN431	CH42	CN431	CH42 (G)	CN431
19	CH39	CN431	CH39 (G)	CN431	CH40	CN431	CH40 (G)	CN431
20	CH37	CN431	CH37 (G)	CN431	CH38	CN431	CH38 (G)	CN431
21	NC		NC		NC		NC	
22	SEL-192FS (+)	CN414	SEL-192FS (-)	CN414	SEL-BSYNC+ (+)	CN414	SEL-BSYNC+ (-)	CN414
23	SEL-WSYNC+ (+)	CN414	SEL-WSYNC+ (-)	CN414	SEL-SSYNC+ (+)	CN414	SEL-SSYNC+ (-)	CN414
24	DGND		DGND		DGND		DGND	
25	AGND (+5V)	CN433	AGND (+5V)	CN433	AGND (+5V)	CN433	AGND (+5V)	CN433
26	AGND (+5V)	CN433	AGND (+5V)	CN433	AGND (+5V)	CN433	AGND (+5V)	CN433
27	A+5V		A+5V		A+5V		A+5V	
28	A+5V		A+5V		A+5V		A+5V	
29	+5V		+5V		+5V		+5V	
30	+5V		+5V		+5V		+5V	
31	DGND		DGND		DGND		DGND	
32	FG	CN460	DGND		DGND		DGND	

CN405 128P SPU-1

PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	DGND		DGND		DGND		DGND	
2	SEPD1-1	CN401	SEPD1-2	CN401	SEPD1-3	CN401	SEPD1-4	CN401
3	SEPC1-1	CN401	SEPC1-2	CN401	SEPC1-3	CN401	SEPC1-4	CN401
4	DGND		DGND		DGND		DGND	
5	SEPD1-5	CN401	SEPD1-6	CN401	SEPD1-7	CN401	SEPD1-8	CN401
6	SEPC1-5	CN401	SEPC1-6	CN401	SEPC1-7	CN401	SEPC1-8	CN401
7	DGND		DGND		DGND		DGND	
8	N-CRCERRM	CN411	DGND		N-CRCER	CN423	DGND	
9	DGND		RESET0*	CN412	DGND		DGND	
10	DGND (B01D0)		DGND (B01D1)		SYNCS	CN439	DGND	
11	CTLJP*	CN415	DGND		BADRS0	CN415	BADRS1	CN415
12	LCMDPT0	CN415	DGND		LCMDPT1	CN415	DGND	
13	EOUT-1	CN438	EOUT-2	CN438	EOUT-3	CN438	EOUT-4	CN438
14	EOUT-5	CN437	EOUT-6	CN437	EOUT-7	CN437	EOUT-8	CN437
15	DGND		DGND		DGND		DGND	
16	N-EDBUS0	CN423	N-EDBUS1	CN423	N-EDBUS2	CN423	N-EDBUS3	CN423
17	N-EDBUS4	CN423	N-EDBUS5	CN423	N-EDBUS6	CN423	N-EDBUS7	CN423
18	N-EDBUS8	CN423	N-EDBUS9	CN423	N-EDBUS10	CN423	N-EDBUS11	CN423
19	N-EDBUS12	CN423	N-EDBUS13	CN423	N-EDBUS14	CN423	N-EDBUS15	CN423
20	N-WDER	CN423	N-WUTRQ	CN423	N-SPLICE*	CN423	N-EVSP*	CN423
21	N-EDEMP0	CN423	N-EDEMP1	CN423	N-SPUSTB*	CN423	SPUEE*	CN422
22	DGND		DGND		DGND		DGND	
23	SEL-192FS (+)	CN414	SEL-192FS (-)	CN414	SEL-BSYNC* (+)	CN414	SEL-BSYNC* (-)	CN414
24	SEL-WSYNC* (+)	CN414	SEL-WSYNC* (-)	CN414	SEL-SSYNC* (+)	CN414	SEL-SSYNC* (-)	CN414
25	DGND		DGND		DGND		DGND	
26	AGND		AGND		AGND		AGND	
27	-12V		-12V		-12V		-12V	
28	+12V		+12V		+12V		+12V	
29	+5V		+5V		+5V		+5V	
30	+5V		+5V		+5V		+5V	
31	DGND		DGND		DGND		DGND	
32	FG	CN460	DGND		DGND		DGND	

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

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CN406 128P SPU-2

PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	DGND		DGND		DGND		DGND	
2	SEPDT-9	CN401	SEPDT-10	CN401	SEPDT-11	CN401	SEPDT-12	CN401
3	SEPCK-9	CN401	SEPCK-10	CN401	SEPCK-11	CN401	SEPCK-12	CN401
4	DGND		DGND		DGND		DGND	
5	SEPDT-13	CN401	SEPDT-14	CN401	SEPDT-15	CN401	SEPDT-16	CN401
6	SEPCK-13	CN401	SEPCK-14	CN401	SEPCK-15	CN401	SEPCK-16	CN401
7	DGND		DGND		DGND		DGND	
8	N-CRCERRM	CN411	DGND		N-CRCER	CN423	DGND	
9	DGND		RESET0*	CN412	DGND		DGND	
10	+5V (B01D0)		DGND (B01D1)		SYNC+S	CN439	DGND	
11	CTLJP*	CN415	DGND		BADRS0	CN415	BADRS1	CN415
12	LCMDPT0	CN415	DGND		LCMDPT1	CN415	DGND	
13	EOUT-9	CN437	EOUT-10	CN437	EOUT-11	CN437	EOUT-12	CN437
14	EOUT-13	CN437	EOUT-14	CN437	EOUT-15	CN437	EOUT-16	CN437
15	DGND		DGND		DGND		DGND	
16	N-EDBUS0	CN423	N-EDBUS1	CN423	N-EDBUS2	CN423	N-EDBUS3	CN423
17	N-EDBUS4	CN423	N-EDBUS5	CN423	N-EDBUS6	CN423	N-EDBUS7	CN423
18	N-EDBUS8	CN423	N-EDBUS9	CN423	N-EDBUS10	CN423	N-EDBUS11	CN423
19	N-EDBUS12	CN423	N-EDBUS13	CN423	N-EDBUS14	CN423	N-EDBUS15	CN423
20	N-WDER	CN423	N-MUTRO	CN423	N-SPLICE*	CN423	N-EVSP*	CN423
21	N-EDEMPO	CN423	N-EDEMP1	CN423	N-SPUSTB*	CN423	SPUEE*	CN422
22	DGND		DGND		DGND		DGND	
23	SEL-192FS (+)	CN414	SEL-192FS (-)	CN414	SEL-BSYNC* (+)	CN414	SEL-BSYNC* (-)	CN414
24	SEL-WSYNC* (+)	CN414	SEL-WSYNC* (-)	CN414	SEL-SSYNC* (+)	CN414	SEL-SSYNC* (-)	CN414
25	DGND		DGND		DGND		DGND	
26	AGND		AGND		AGND		AGND	
27	-12V		-12V		-12V		-12V	
28	+12V		+12V		+12V		+12V	
29	+5V		+5V		+5V		+5V	
30	+5V		+5V		+5V		+5V	
31	DGND		DGND		DGND		DGND	
32	FG	CN460	DGND		DGND		DGND	

CN407 128P SPU-3

PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	DGND		DGND		DGND		DGND	
2	SEPDT-17	CN402	SEPDT-18	CN402	SEPDT-19	CN402	SEPDT-20	CN402
3	SEPCK-17	CN402	SEPCK-18	CN402	SEPCK-19	CN402	SEPCK-20	CN402
4	DGND		DGND		DGND		DGND	
5	SEPDT-21	CN402	SEPDT-22	CN402	SEPDT-23	CN402	SEPDT-24	CN402
6	SEPCK-21	CN402	SEPCK-22	CN402	SEPCK-23	CN402	SEPCK-24	CN402
7	DGND		DGND		DGND		DGND	
8	N-CRCERRM	CN411	DGND		N-CRCER	CN423	DGND	
9	DGND		RESET0*	CN412	DGND		DGND	
10	DGND (B01D0)	CN412	+5V (B01D1)	CN412	SYNC+S	CN439	DGND	
11	CTLJP*	CN415	DGND		BADRS0	CN415	BADRS1	CN415
12	LCMDPT0	CN415	DGND		LCMDPT1	CN415	DGND	
13	EOUT-17	CN437	EOUT-18	CN437	EOUT-19	CN437	EOUT-20	CN437
14	EOUT-21	CN437	EOUT-22	CN437	EOUT-23	CN437	EOUT-24	CN437
15	DGND		DGND		DGND		DGND	
16	N-EDBUS0	CN423	N-EDBUS1	CN423	N-EDBUS2	CN423	N-EDBUS3	CN423
17	N-EDBUS4	CN423	N-EDBUS5	CN423	N-EDBUS6	CN423	N-EDBUS7	CN423
18	N-EDBUS8	CN423	N-EDBUS9	CN423	N-EDBUS10	CN423	N-EDBUS11	CN423
19	N-EDBUS12	CN423	N-EDBUS13	CN423	N-EDBUS14	CN423	N-EDBUS15	CN423
20	N-WDER	CN423	N-MUTRO	CN423	N-SPLICE*	CN423	N-EVSP*	CN423
21	N-EDEMPO	CN423	N-EDEMP1	CN423	N-SPUSTB*	CN423	SPUEE*	CN422
22	DGND		DGND		DGND		DGND	
23	SEL-192FS (+)	CN414	SEL-192FS (-)	CN414	SEL-BSYNC* (+)	CN414	SEL-BSYNC* (-)	CN414
24	SEL-WSYNC* (+)	CN414	SEL-WSYNC* (-)	CN414	SEL-SSYNC* (+)	CN414	SEL-SSYNC* (-)	CN414
25	DGND		DGND		DGND		DGND	
26	AGND		AGND		AGND		AGND	
27	-12V		-12V		-12V		-12V	
28	+12V		+12V		+12V		+12V	
29	+5V		+5V		+5V		+5V	
30	+5V		+5V		+5V		+5V	
31	DGND		DGND		DGND		DGND	
32	FG	CN460	DGND		DGND		DGND	

CN408 128P SPU-4

PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	DGND		DGND		DGND		DGND	
2	SEPDT-25	CN403	SEPDT-26	CN403	SEPDT-27	CN403	SEPDT-28	CN403
3	SEPCK-25	CN403	SEPCK-26	CN403	SEPCK-27	CN403	SEPCK-28	CN403
4	DGND		DGND		DGND		DGND	
5	SEPDT-29	CN403	SEPDT-30	CN403	SEPDT-31	CN403	SEPDT-32	CN403
6	SEPCK-29	CN403	SEPCK-30	CN403	SEPCK-31	CN403	SEPCK-32	CN403
7	DGND		DGND		DGND		DGND	
8	D-CRCERRM	CN411	DGND		D-CRCER	CN423	DGND	
9	DGND		RESET0*	CN412	DGND		DGND	
10	DGND (B01D0)		DGND (B01D1)		SYNC+S	CN439	DGND	
11	CTLJP*	CN415	DGND		BADRS0	CN415	BADRS1	CN415
12	LCMDPT0	CN415	DGND		LCMDPT1	CN415	DGND	
13	EOUT-25	CN438	EOUT-26	CN438	EOUT-27	CN438	EOUT-28	CN438
14	EOUT-29	CN437	EOUT-30	CN437	EOUT-31	CN437	EOUT-32	CN437
15	DGND		DGND		DGND		DGND	
16	D-EDBUS0	CN423	D-EDBUS1	CN423	D-EDBUS2	CN423	D-EDBUS3	CN423
17	D-EDBUS4	CN423	D-EDBUS5	CN423	D-EDBUS6	CN423	D-EDBUS7	CN423
18	D-EDBUS8	CN423	D-EDBUS9	CN423	D-EDBUS10	CN423	D-EDBUS11	CN423
19	D-EDBUS12	CN423	D-EDBUS13	CN423	D-EDBUS14	CN423	D-EDBUS15	CN423
20	D-WDER	CN423	D-MUTRO	CN423	D-SPLICE*	CN423	D-EVSP*	CN423
21	D-EDEMPO	CN423	D-EDEMP1	CN423	D-SPUSTB*	CN423	SPUEE*	CN422
22	DGND		DGND		DGND		DGND	
23	SEL-192FS (+)	CN414	SEL-192FS (-)	CN414	SEL-BSYNC* (+)	CN414	SEL-BSYNC* (-)	CN414
24	SEL-WSYNC* (+)	CN414	SEL-WSYNC* (-)	CN414	SEL-SSYNC* (+)	CN414	SEL-SSYNC* (-)	CN414
25	DGND		DGND		DGND		DGND	
26	AGND		AGND		AGND		AGND	
27	-12V		-12V		-12V		-12V	
28	+12V		+12V		+12V		+12V	
29	+5V		+5V		+5V		+5V	
30	+5V		+5V		+5V		+5V	
31	DGND		DGND		DGND		DGND	
32	FG	CN460	DGND		DGND		DGND	

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

CN419 128P SPU-5								
PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	DGND		DGND		DGND		DGND	
2	SEPDT-33	CN403	SEPDT-34	CN403	SEPDT-35	CN403	SEPDT-36	CN403
3	SEPCK-33	CN403	SEPCK-34	CN403	SEPCK-35	CN403	SEPCK-36	CN403
4	DGND		DGND		DGND		DGND	
5	SEPDT-37	CN404	SEPDT-38	CN404	SEPDT-39	CN404	SEPDT-40	CN404
6	SEPCK-37	CN404	SEPCK-38	CN404	SEPCK-39	CN404	SEPCK-40	CN404
7	DGND		DGND		DGND		DGND	
8	D-CRCERRM	CN411	DGND		D-CRCER	CN423	DGND	
9	DGND		RESETO*	CN412	DGND		DGND	
10	+5V (BD100)		DGND (BD101)		SYNCS	CN439	DGND	
11	CTLJP*	CN415	DGND		BADRS0	CN415	BADRS1	CN415
12	LCMDPT0	CN415	DGND		LCMDPT1	CN415	DGND	
13	EOUT-33	CN437	EOUT-34	CN437	EOUT-35	CN437	EOUT-36	CN437
14	EOUT-37	CN437	EOUT-38	CN437	EOUT-39	CN437	EOUT-40	CN437
15	DGND		DGND		DGND		DGND	
16	D-EDBUS0	CN423	D-EDBUS1	CN423	D-EDBUS2	CN423	D-EDBUS3	CN423
17	D-EDBUS4	CN423	D-EDBUS5	CN423	D-EDBUS6	CN423	D-EDBUS7	CN423
18	D-EDBUS8	CN423	D-EDBUS9	CN423	D-EDBUS10	CN423	D-EDBUS11	CN423
19	D-EDBUS12	CN423	D-EDBUS13	CN423	D-EDBUS14	CN423	D-EDBUS15	CN423
20	D-WDER	CN423	D-MUTRO	CN423	D-SPLICE*	CN423	D-EVSP*	CN423
21	D-EDEMP0	CN423	D-EDEMP1	CN423	D-SPUSTB*	CN423	SPUEE*	CN422
22	DGND		DGND		DGND		DGND	
23	SEL-192FS (+)	CN414	SEL-192FS (-)	CN414	SEL-BSYNC* (+)	CN414	SEL-BSYNC* (-)	CN414
24	SEL-WSYNC* (+)	CN414	SEL-WSYNC* (-)	CN414	SEL-SSYNC* (+)	CN414	SEL-SSYNC* (-)	CN414
25	DGND		DGND		DGND		DGND	
26	AGND		AGND		AGND		AGND	
27	-12V		-12V		-12V		-12V	
28	+12V		+12V		+12V		+12V	
29	+5V		+5V		+5V		+5V	
30	+5V		+5V		+5V		+5V	
31	DGND		DGND		DGND		DGND	
32	FG	CN460	DGND		DGND		DGND	

CN410 128P SPU-6								
PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	DGND		DGND		DGND		DGND	
2	SEPDT-41	CN404	SEPDT-42	CN404	SEPDT-43	CN404	SEPDT-44	CN404
3	SEPCK-41	CN404	SEPCK-42	CN404	SEPCK-43	CN404	SEPCK-44	CN404
4	DGND		DGND		DGND		DGND	
5	SEPDT-45	CN404	SEPDT-46	CN404	SEPDT-47	CN404	SEPDT-48	CN404
6	SEPCK-45	CN404	SEPCK-46	CN404	SEPCK-47	CN404	SEPCK-48	CN404
7	DGND		DGND		DGND		DGND	
8	D-CRCERRM	CN411	DGND		D-CRCER	CN423	DGND	
9	DGND		RESE*	CN412	DGND		DGND	
10	DGND (BD100)		+5V (BD101)		SYNCS	CN439	DGND	
11	CTLJP*	CN415	DGND		BADRS0	CN415	BADRS1	CN415
12	LCMDPT0	CN415	DGND		LCMDPT1	CN415	DGND	
13	EOUT-41	CN437	EOUT-42	CN437	EOUT-43	CN437	EOUT-44	CN437
14	EOUT-45	CN437	EOUT-46	CN437	EOUT-47	CN437	EOUT-48	CN437
15	DGND		DGND		DGND		DGND	
16	D-EDBUS0	CN423	D-EDBUS1	CN423	D-EDBUS2	CN423	D-EDBUS3	CN423
17	D-EDBUS4	CN423	D-EDBUS5	CN423	D-EDBUS6	CN423	D-EDBUS7	CN423
18	D-EDBUS8	CN423	D-EDBUS9	CN423	D-EDBUS10	CN423	D-EDBUS11	CN423
19	D-EDBUS12	CN423	D-EDBUS13	CN423	D-EDBUS14	CN423	D-EDBUS15	CN423
20	D-WDER	CN423	D-MUTRO	CN423	D-SPLICE*	CN423	D-EVSP*	CN423
21	D-EDEMP0	CN423	D-EDEMP1	CN423	D-SPUSTB*	CN423	SPUEE*	CN422
22	DGND		DGND		DGND		DGND	
23	SEL-192FS (+)	CN414	SEL-192FS (-)	CN414	SEL-BSYNC* (+)	CN414	SEL-BSYNC* (-)	CN414
24	SEL-SSYNC* (+)	CN414	SEL-SSYNC* (-)	CN414	SEL-SSYNC* (+)	CN414	SEL-SSYNC* (-)	CN414
25	DGND		DGND		DGND		DGND	
26	AGND		AGND		AGND		AGND	
27	-12V		-12V		-12V		-12V	
28	+12V		+12V		+12V		+12V	
29	+5V		+5V		+5V		+5V	
30	+5V		+5V		+5V		+5V	
31	DGND		DGND		DGND		DGND	
32	FG	CN460	DGND		DGND		DGND	

CN411 128P MC								
PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	DGND		DGND		DGND		DGND	
2	FS1D0	CN449	FS1D1	CN449	FS1D2	CN449	DGND	
3	DR00*	CN445	DACK0*	CN445	DR01*	CN445	DACK1*	CN445
4	E*/TC*	CN445	IRCV*	CN445	IF1KEY*	CN445	IAD*	CN445
5	I1F*	CN445	IF4KEY*	CN445	IRMTX0*	CN445	IRMTX1*	CN445
6	DGND		DGND		DGND		DGND	
7	IFMWR*	CN445	IFMRD*	CN445	IF1OWR*	CN445	IF1ORD*	CN445
8	IFMEM*	CN445	IF1O*	CN445	IFBURP*/W	CN445	IF4KEY* (25)	CN445
9	DGND		DGND		DGND		DGND	
10	CK8M (+)	CN445	CK8M (-)	CN445	RMRES*	CN444	RMRDY*	CN444
11	DGND		DGND		SNK0*	CN440	SNK1*	CN440
12	RWTC (+)	CN444	RWTC (-)	CN444	SNK2*	CN440	SNK3*	CN440
13	CRCERRROUT0	CN445	CRCERRROUT1	CN445	SNK4*	CN440	SNK5*	CN440
14	N-CRCERRM	CN405, CN406, CN407	D-CRCERRM	CN408, CN409, CN410	SNK6*	CN440	SNK7*	CN440
15	RECTC (+)	CN438	RECTC (-)	CN438	RL0*	CN440	RL1*	CN440
16	DGND		DGND		RL2*	CN440	RL3*	CN440
17	RES0*	CN439	HEADTCH*	CN439, CN414	RL4*	CN440	RL5*	CN440
18	SVTXRDY*	CN439	DGND		RL6*	CN440	RL7*	CN440
19	S10*	CN439	DGND		DGND		DGND	
20	SCK0*	CN439	DGND		SLO	CN440	SL1	CN440
21	S00*	CN439	DGND		SL2	CN440	SL3	CN440
22	SVRQ*	CN439	DGND		SYSDSP	CN440	DGND	
23	SVTXEND*	CN439	DGND		DGND		DGND	
24	DETTXRDY0*	CN401	DETS10*	CN401	DETSCK0*	CN401	DETHG0*	CN401
25	DETS00*	CN401	DETTXEND0*	CN401	16B/24B*	#1	DGND	
26	DGND		DGND		DGND		DGND	
27	PRETC (+)	CN430	PRETC (-)	CN430	PRETC (G)	CN430	LOCDSPC*	CN440
28	DSPCKRCO	CN440	DSPSRDATA	CN440	PMUTE*	#2	DSPCK	CN440
29	PWRCTRL*	CN436	PSSTATUS	CN436	PDOWN*	CN436	DGND	
30	PBTCOUT (-)	CN447	PBTCOUT (+)	CN447	DGND		DGND	
31	EXTTCIN (+)	CN448	EXTTCIN (-)	CN448	DGND		DGND	
32	DGND		DGND		DGND		DGND	

#1: CN414, CN421, CN423, CN438, CN451

#2: CN416, CN449, CN451

CN412 128P MC								
PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	DGND		DGND		DGND		DGND	
2	MAD1	#1	MAD2	#1	MAD3	#1	MAD4	#1
3	MAD5	#1	MAD6	#1	MAD7	#1	MAD8	#1
4	MAD9	#1	MAD10	#1	MAD11	#1	MAD12	#1
5	MDB0	#1	MDB1	#1	MDB2	#1	MDB3	#1
6	MDB4	#1	MDB5	#1	MDB6	#1	MDB7	#1
7	DGND		DGND		DGND		DGND	
8	MMWR*	CN418, CN422	MMRD*	CN418, CN422	M1OWR*	#2	M1ORD*	#2
9	MRDY*	#3	RESETO*	#4	RESET1*	#5	RESET2*	CN427, CN450, CN451
10	ITXCMPr*	CN418	ISW*	CN418	ITCPr*	CN413	ICMPr*	CN415
11	ICK*	CN415	IESA*	CN415	DGND		DGND	
12	TCR10*	CN413	CTK10*	CN415, CN428	EDITRAM*	CN422	SMRAM*	CN418
13	ARP10*	CN417	DGND		DGND		DGND	
14	DGND		DGND		DGND		DGND	
15	DGND		DGND		DGND		DGND	
16	EXTTC	CN413	PBTC	CN413	TCBS	CN413	TCWR*	CN413
17	EXTSYNC	CN413	PBSYNC	CN413	GENSYNC*	CN413	DUMMYTC	CN413
18	VSYNC	CN413, CN415	DGND		AXTC	CN413	DGND	
19	RADO	CN413	RAD1	CN413	RAD2	CN413	RAD3	CN413
20	RDA0	CN413	RDA1	CN413	RDA2	CN413	RDA3	CN413
21	DGND		DGND		DGND		DGND	
22	DGND		CK1_44MV	CN413, CN415	DGND		CK1_44M	CN413, CN415
23	192FS (+)	CN415	192FS (-)	CN415	DGND		DGND	
24	DGND		DGND		DETTXRDY1*	CN403	DETS11*	CN403
25	DETSCK1*	CN403	DETRD1*	CN403	DETS01*	CN403	DETTXRD1*	CN403
26	AGND		AGND		AGND		AGND	
27	-12V		-12V		-12V		-12V	
28	+12V		+12V		+12V		+12V	
29	+5V		+5V		+5V		+5V	
30	+5V		+5V		+5V		+5V	
31	DGND		DGND		DGND		DGND	
32	FG	CN460	DGND		DGND		DGND	

#1: CN413, CN415, CN417, CN418, CN422, CN428, CN444

#2: CN413, CN415, CN417, CN428

#3: CN413, CN415, CN417, CN418, CN422, CN428

#4: CN402, CN404, CN405, CN406, CN407, CN408, CN409, CN410, CN413, CN415, CN417, CN418, CN428

#5: CN418, CN420, CN422, CN424

MOTHER BOARD  
**MB-643 (3/8)**  
BOARD NO. 1-658-958-12  
B-PCM3348HR-MB643-S/M

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

CN414 128P CTK

PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	DGND		DGND		DGND		DGND	
2	SEL-192FS (+)	#2	SEL-192FS (-)	#2	SEL-SSYNC* (+)	#2	SEL-SSYNC* (-)	#2
3	SEL-WSYNC* (+)	#2	SEL-WSYNC* (-)	#2	SEL-BSYNC* (+)	#1	SEL-BSYNC* (-)	#1
4	DGND		DGND		DGND		DGND	
5	DGND		DGND		DGND		DGND	
6	RMSAO (+)	CN444	RMSAO (-)	CN444	RMSAI (+)	CN444	RMSAI (-)	CN444
7	RMSACK (+)	CN445	RMSACK (-)	CN445	RMSWCK (+)	CN445	RMSWCK (-)	CN445
8	OSCLK (+)	CN445	OSCLK (-)	CN445	OWCLK (+)	CN445	OWCLK (-)	CN445
9	WSYNC+R (+)	CN445	WSYNC+R (-)	CN445	AESWCLK	CN449	DGND	
10	192FSR (+)	CN445	192FSR (-)	CN445	XOV	CN427	DGND	
11	DGND		DGND		DGND		DGND	
12	TESTSIG	CN438	DGND					
13	CTLB1T4 (+)	CN421	CTLB1T4 (-)	CN421				
14	RECST (+)	CN438, CN440, CN444	RECST (-)	CN438, CN440, CN444	DGND		DGND	
15	RECCTL (+)	CN438	RECCTL (-)	CN438	DGND		DGND	
16	DGND		DGND		DGND		DGND	
17	CUTINSO*	CN421	DGND		256FS (+)	CN449	256FS (-)	CN449
18	TACH1	CN439, CN445	DGND		TACH2	CN439, CN445	DGND	
19	LOCKMDO*	CN439	DGND		LOCKMD1*	CN439	DGND	
20	HEADTCH*	CN439, CN411	DGND		DGND		DGND	
21	PBSYNC+S (+)	CN439	PBSYNC+S (-)	CN439	SSYNC+S (+)	CN439	SSYNC+S (-)	CN439
22	N-192FS (+)	#3	N-192FS (-)	#3	N-SSYNC* (+)	CN421, CN439	N-SSYNC* (-)	CN421, CN439
23	N-WSYNC* (+)	#4	N-WSYNC* (-)	#4	N-BSYNC* (+)	CN421	N-BSYNC* (-)	CN421
24	PRECTL (+)	CN431	PRECTL (-)	CN431	DGND		DGND	
25					16B/24B*	CN411	DGND	
26	WSYNC+D (+)	CN449	WSYNC+D (-)	CN449	192FSD1O (+)	CN449	192FSD1O (-)	CN449
27	DGND		DGND		DGND		DGND	
28	WSYNC+A (+)	CN427, CN452	WSYNC+A (-)	CN427, CN452	192FSA (+)	CN427, CN452	192FSA (-)	CN427, CN452
29	256FSA (+)	CN427, CN452	256FSA (-)	CN427, CN452	256FSDAD (+)	CN427, CN452	256FSDAD (-)	CN427, CN452
30	DGND		DGND		DGND		DGND	
31	ISAMTO (+)	CN453	ISAMTO (-)	CN453	DGND		DGND	
32	DGND		DGND		DGND		DGND	

#1: CN402, CN404, CN405, CN406, CN407, CN408, CN409, CN410  
#2: CN402, CN404, CN405, CN406, CN407, CN408, CN409, CN410, CN444  
#3: CN421, CN423, CN438  
#4: CN421, CN423, CN426, CN438

CN415 128P CTK

PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	DGND		DGND		DGND		DGND	
2	MAD1	CN412	MAD2	CN412	MAD3	CN412	MAD4	CN412
3	MAD5	CN412	MAD6	CN412	MAD7	CN412	MAD8	CN412
4	MAD9	CN412	MAD10	CN412	MAD11	CN412	MAD12	CN412
5	MDB0	CN412	MDB1	CN412	MDB2	CN412	MDB3	CN412
6	MDB4	CN412	MDB5	CN412	MDB6	CN412	MDB7	CN412
7	DGND		DGND		DGND		DGND	
8	MRDY*	CN412, CN428	RESETO*	CN412	M1OWR*	CN412	M1ORD*	CN412
9	ICK*	CN412	IESA*	CN412	ICMP*			
10	CK-ICK*	CN428	CTKI0*	CN428	DGND		DGND	
11	CTLJP*	#1	DGND		BADRS0	#1	BADRS1	#1
12	LCMDPT0	#1	DGND		LCMDPT1	#1	DGND	
13	PBSQ*	CN418	DGND					
14	DGND		DGND		DGND		DGND	
15	TCH*	CN413, CN417	DIR	CN413, CN417	TACH	CN413, CN417	DGND	
16	GAINCT	CN417	DGND		WCLK (+)	CN428	WCLK (-)	CN428
17	VSYNC	CN412, CN413, CN445	DGND		EXWCLK	CN428	DGND	
18	EXWCLK1	CN441	DGND		EXWCLK1	CN441, CN428	DGND	
19	EXWCLK01	CN441	DGND		EXWCLK02	CN441	DGND	
20	EXSCLK1	CN442	DGND		ESABNC1	CN442	DGND	
21	EXSCLK0	CN442	DGND		ISABNC0	CN442	DGND	
22	DGND		CK1_44W	CN412, CN413	DGND		CK1_44W	CN412, CN413
23	192FS (+)	#2	192FS (-)	#2	BSYNC* (+)	#3	BSYNC* (-)	#3
24	WSYNC* (+)	#4	WSYNC* (-)	#4	SSYNC* (+)	#5	SSYNC* (-)	#5
25	DGND		DGND		DGND		DGND	
26	AGND		AGND		AGND		AGND	
27	-12V		-12V		-12V		-12V	
28	+12V		+12V		+12V		+12V	
29	+5V		+5V		+5V		+5V	
30	+5V		+5V		+5V		+5V	
31	DGND		DGND		DGND		DGND	
32	FG	CN460	DGND		DGND		DGND	

#1: CN405, CN406, CN407, CN408, CN409, CN410  
#2: CN412, CN413, CN417, CN418, CN420, CN422, CN424, CN426, CN438, CN439  
#3: CN413, CN417, CN418, CN420, CN422, CN424, CN426  
#4: CN413, CN417, CN418, CN420, CN422, CN424, CN426, CN438  
#5: CN413, CN417, CN418, CN420, CN422, CN424, CN426

CN416 128P ARP

PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	DGND		DGND		DGND		DGND	
2								
3								
4								
5								
6								
7								
8								
9								
10								
11	ARPLV	CN440	DGND					
12								
13								
14								
15	A1REC (+)	CN438	A1REC (-)	CN438	A2REC (+)	CN438	A2REC (-)	CN438
16	DGND		DGND		DGND		DGND	
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29	A1PWMPB (+)	CN429	A1PWMPB (-)	CN429	A2PWMPB (+)	CN432	A2PWMPB (-)	CN432
30	A1PWMPB (G)	CN429	A1B1ASPB (G)	CN429	A2PWMPB (G)	CN432	A2B1ASPB (G)	CN432
31	A1B1ASPB (+)	CN429	A1B1ASPB (-)	CN429	A2B1ASPB (+)	CN432	A2B1ASPB (-)	CN432
32	DGND		DGND		DGND		DGND	

CN417 128P ARP

PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	DGND		DGND		DGND		DGND	
2	MAD1	CN412	MAD2	CN412	MAD3	CN412	MAD4	CN412
3	MAD5	CN412	MAD6	CN412	MAD7	CN412	MAD8	CN412
4	MAD9	CN412	MAD10	CN412	MAD11	CN412	MAD12	CN412
5	MDB0	CN412	MDB1	CN412	MDB2	CN412	MDB3	CN412
6	MDB4	CN412	MDB5	CN412	MDB6	CN412	MDB7	CN412
7	DGND		DGND		DGND		DGND	
8	MRDY*	CN412	RESETO*	CN412	M1OWR*	CN412	M1ORD*	CN412
9								
10								
11	DGND		DGND		DGND		DGND	
12								
13	ARPI0*	CN412	DGND					
14	DGND		DGND		DGND		DGND	
15	TCH*	CN415	DIR	CN415	TACH	CN415	TCH*2	CN439
16	GAINCT	CN415	DGND					
17								
18	A1OUT (-)	CN447	A1OUT (+)	CN447	DGND			
19	A2OUT (-)	CN447	A2OUT (+)	CN447	DGND			
20	A11N (-)	CN448	A11N (+)	CN448	DGND			
21	A21N (-)	CN448	A21N (+)	CN448	DGND			
22								
23	192FS (+)	CN415	192FS (-)	CN415	BSYNC* (+)	CN415	BSYNC* (-)	CN415
24	WSYNC* (+)	CN415	WSYNC* (-)	CN415	SSYNC* (+)	CN415	SSYNC* (-)	CN415
25	DGND		DGND		DGND		DGND	
26	AGND		AGND		AGND		AGND	
27	-12V		-12V		-12V		-12V	
28	+12V		+12V		+12V		+12V	
29	+5V		+5V		+5V		+5V	
30	+5V		+5V		+5V		+5V	
31	DGND		DGND		DGND		DGND	
32	FG	CN460	DGND		DGND		DGND	

MOTHER BOARD  
**MB-643 (4/8)**  
BOARD NO. 1-658-958-12  
B-WPCM3348HR-MB643-S/M

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

CN419 128P ED-1

PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	DGND		DGND		DGND		DGND	
2	N-DIOBUS0	CN450	N-DIOBUS1	CN450	N-DIOBUS2	CN450	N-DIOBUS3	CN450
3	N-DIOBUS4	CN450	N-DIOBUS5	CN450	N-DIOBUS6	CN450	N-DIOBUS7	CN450
4	N-DIOBUS8	CN450	N-DIOBUS9	CN450	N-DIOBUS10	CN450	N-DIOBUS11	CN450
5	N-DIOBUS12	CN450	N-DIOBUS13	CN450	N-DIOBUS14	CN450	N-DIOBUS15	CN450
6	N-DIOBUS16	CN450	N-DIOBUS17	CN450	N-DIOBUS18	CN450	N-DIOBUS19	CN450
7	N-DIOBUS20	CN450	N-DIOBUS21	CN450	N-DIOBUS22	CN450	N-DIOBUS23	CN450
8	N-DIOEMP0	CN450	N-SDIF*	CN450	N-DINACT*	CN450	N-DIOERR	CN450
9	N-BACT*	CN450						
10	D-DIOBUS0	CN450	D-DIOBUS1	CN450	D-DIOBUS2	CN450	D-DIOBUS3	CN450
11	D-DIOBUS4	CN450	D-DIOBUS5	CN450	D-DIOBUS6	CN450	D-DIOBUS7	CN450
12	D-DIOBUS8	CN450	D-DIOBUS9	CN450	D-DIOBUS10	CN450	D-DIOBUS11	CN450
13	D-DIOBUS12	CN450	D-DIOBUS13	CN450	D-DIOBUS14	CN450	D-DIOBUS15	CN450
14	D-DIOBUS16	CN450	D-DIOBUS17	CN450	D-DIOBUS18	CN450	D-DIOBUS19	CN450
15	D-DIOBUS20	CN450	D-DIOBUS21	CN450	D-DIOBUS22	CN450	D-DIOBUS23	CN450
16	D-DIOEMP0	CN450	D-SDIF*	CN450	D-DINACT*	CN450	D-DIOERR	CN450
17	D-BACT*							
18	DGND		DGND		DGND		DGND	
19	DGND		DGND		DGND		DGND	
20	DGND		DGND		DGND		DGND	
21	DGND		DGND		DGND		DGND	
22	DGND		DGND		DGND		DGND	
23	DGND		DGND		DGND		DGND	
24	DIOBUS0	CN421	DIOBUS1	CN421	DIOBUS2	CN421	DIOBUS3	CN421
25	DIOBUS4	CN421	DIOBUS5	CN421	DIOBUS6	CN421	DIOBUS7	CN421
26	DIOBUS8	CN421	DIOBUS9	CN421	DIOBUS10	CN421	DIOBUS11	CN421
27	DIOBUS12	CN421	DIOBUS13	CN421	DIOBUS14	CN421	DIOBUS15	CN421
28	DIOBUS16	CN421	DIOBUS17	CN421	DIOBUS18	CN421	DIOBUS19	CN421
29	DIOBUS20	CN421	DIOBUS21	CN421	DIOBUS22	CN421	DIOBUS23	CN421
30	DIOEMP0	CN421	SDIF*	CN421	DINACT*	CN421	DIOERR	CN421
31	BACT*	CN421						
32	DGND		DGND		DGND		DGND	

CN421 128P ED-2

PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	DGND		DGND		DGND		DGND	
2	SM2CHBUS0	CN418, CN449	SM2CHBUS1	CN418, CN449	SM2CHBUS2	CN418, CN449	SM2CHBUS3	CN418, CN449
3	SM2CHBUS4	CN418, CN449	SM2CHBUS5	CN418, CN449	SM2CHBUS6	CN418, CN449	SM2CHBUS7	CN418, CN449
4	SM2CHBUS8	CN418, CN449	SM2CHBUS9	CN418, CN449	SM2CHBUS10	CN418, CN449	SM2CHBUS11	CN418, CN449
5	SM2CHBUS12	CN418, CN449	SM2CHBUS13	CN418, CN449	SM2CHBUS14	CN418, CN449	SM2CHBUS15	CN418, CN449
6	SM2CHBUS16	CN418, CN449	SM2CHBUS17	CN418, CN449	SM2CHBUS18	CN418, CN449	SM2CHBUS19	CN418, CN449
7	SM2CHBUS20	CN418, CN449	SM2CHBUS21	CN418, CN449	SM2CHBUS22	CN418, CN449	SM2CHBUS23	CN418, CN449
8	2CH-X-BUS-EMP	CN418, CN449	2CH-SDIF*	CN418, CN449	2CH-DINACT*	CN418, CN449	2CH-DIOERR	CN418, CN449
9	2CH-BACT*	CN449	SDIF/MAD1*	CN450				
10	DGND		DGND		DGND		DGND	
11	REC RDY* (+)	CN425, CN444	REC RDY* (-)	CN425, CN444	RECON-WT (+)	CN425, CN444	RECON-WT (-)	CN425, CN444
12	RECON (+)	CN438	RECON (-)	CN438	RECONMON1	CN438	DGND	
13	CTLBIT4 (+)	CN414	CTLBIT4 (-)	CN414	CUTINSD*	CN414	DGND	
14	ADABUS23	CN423, CN425	ADABUS22	CN423, CN425	ADABUS21	CN423, CN425	ADABUS20	CN423, CN425
15	ADABUS19	CN423, CN425	ADABUS18	CN423, CN425	ADABUS17	CN423, CN425	ADABUS16	CN423, CN425
16	ADABUS15	CN423, CN425	ADABUS14	CN423, CN425	ADABUS13	CN423, CN425	ADABUS12	CN423, CN425
17	ADABUS11	CN423, CN425	ADABUS10	CN423, CN425	ADABUS9	CN423, CN425	ADABUS8	CN423, CN425
18	ADABUS7	CN423, CN425	ADABUS6	CN423, CN425	ADABUS5	CN423, CN425	ADABUS4	CN423, CN425
19	ADABUS3	CN423, CN425	ADABUS2	CN423, CN425	ADABUS1	CN423, CN425	ADABUS0	CN423, CN425
20	ADAE MP	CN423, CN425	IN/REP*	CN423, CN425	INV-EMP-SEL	CN423	16B-24B*	CN411
21	N-192FS (+)	CN414	N-192FS (-)	CN414	N-SSYNC* (+)	CN414	N-SSYNC* (-)	CN414
22	N-WSYNC* (+)	CN414	N-WSYNC* (-)	CN414	N-BSYNC* (+)	CN414	N-BSYNC* (-)	CN414
23	DIOBUS0	CN419	DIOBUS1	CN419	DIOBUS2	CN419	DIOBUS3	CN419
24	DIOBUS4	CN419	DIOBUS5	CN419	DIOBUS6	CN419	DIOBUS7	CN419
25	DIOBUS8	CN419	DIOBUS9	CN419	DIOBUS10	CN419	DIOBUS11	CN419
26	DIOBUS12	CN419	DIOBUS13	CN419	DIOBUS14	CN419	DIOBUS15	CN419
27	DIOBUS16	CN419	DIOBUS17	CN419	DIOBUS18	CN419	DIOBUS19	CN419
28	DIOBUS20	CN419	DIOBUS21	CN419	DIOBUS22	CN419	DIOBUS23	CN419
29	DIOEMP0	CN419	SDIF*	CN419	DINACT*	CN419	DIOERR	CN419
30	BACT*	CN419	DGND		DGND		DGND	
31	DGND		DGND		DGND		DGND	
32	DGND		DGND		DGND		DGND	

CN418 128P MEM

PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	DGND		DGND		DGND		DGND	
2	MAD1	CN412	MAD2	CN412	MAD3	CN412	MAD4	CN412
3	MAD5	CN412	MAD6	CN412	MAD7	CN412	MAD8	CN412
4	MAD9	CN412	MAD10	CN412	MAD11	CN412	MAD12	CN412
5	MDB0	CN412	MDB1	CN412	MDB2	CN412	MDB3	CN412
6	MDB4	CN412	MDB5	CN412	MDB6	CN412	MDB7	CN412
7	DGND		DGND		DGND		DGND	
8	MMWR*	CN412	MMRD*	CN412	RESET1*	CN412		
9	MRDY*	CN412	RESET0*	CN412			SMRAM*	CN412
10	ITXCMF*	CN412	ISM*	CN412				
11	DGND		DGND		DGND		DGND	
12	SM2CHBUS8	CN421	SM2CHBUS9	CN421	SM2CHBUS10	CN421	SM2CHBUS11	CN421
13	SM2CHBUS12	CN421	SM2CHBUS13	CN421	SM2CHBUS14	CN421	SM2CHBUS15	CN421
14	SM2CHBUS16	CN421	SM2CHBUS17	CN421	SM2CHBUS18	CN421	SM2CHBUS19	CN421
15	SM2CHBUS20	CN421	SM2CHBUS21	CN421	SM2CHBUS22	CN421	SM2CHBUS23	CN421
16	2CH-X-BUS-EMP	CN421	DGND		EXT-SMOE*	CN422	DGND	
17	DGND		DGND		DGND		DGND	
18	KICK (+)	CN444	KICK (-)	CN444				
19	PBSQ*	CN415	DGND					
20	SM2CHBUS0	CN421	SM2CHBUS1	CN421	SM2CHBUS2	CN421	SM2CHBUS3	CN421
21	SM2CHBUS4	CN421	SM2CHBUS5	CN421	SM2CHBUS6	CN421	SM2CHBUS7	CN421
22								
23	192FS (+)	CN415	192FS (-)	CN415	BSYNC* (+)	CN415	BSYNC* (-)	CN415
24	WSYNC* (+)	CN415	WSYNC* (-)	CN415	SSYNC* (+)	CN415	SSYNC* (-)	CN415
25	DGND		DGND		DGND		DGND	
26	AGND		AGND		AGND		AGND	
27	-12V		-12V		-12V		-12V	
28	+12V		+12V		+12V		+12V	
29	+5V		+5V		+5V		+5V	
30	+5V		+5V		+5V		+5V	
31	DGND		DGND		DGND		DGND	
32	FG	CN460	DGND		DGND		DGND	

CN420 128P ED-1

PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	DGND		DGND		DGND		DGND	
2	DGND		DGND		DGND		DGND	
3	DGND		DGND		DGND		DGND	
4	DGND		DGND		DGND		DGND	
5	DGND		DGND		DGND		DGND	
6	DGND		DGND		DGND		DGND	
7	DGND		DGND		DGND		DGND	
8	DGND		DGND		DGND		DGND	
9	DGND		DGND		DGND		DGND	
10	DGND		DGND		DGND		DGND	
11	DGND		DGND		DGND		DGND	
12	DGND		DGND		DGND		DGND	
13								
14								
15								
16								
17								
18								
19								
20	RESET1*	CN412	ED-LOOP*	CN422	MD1*	CN422	AIN/DIN*	CN422
21								
22								
23	192FS (+)	CN415	192FS (-)	CN415	BSYNC* (+)	CN415	BSYNC* (-)	CN415
24	WSYNC* (+)	CN415	WSYNC* (-)	CN415	SSYNC* (+)	CN415	SSYNC* (-)	CN415
25	DGND		DGND		DGND		DGND	
26	AGND		AGND		AGND		AGND	
27	-12V		-12V		-12V		-12V	
28	+12V		+12V		+12V		+12V	
29	+5V		+5V		+5V		+5V	
30	+5V		+5V		+5V		+5V	
31	DGND		DGND		DGND		DGND	
32	FG	CN460	DGND		DGND		DGND	

CN422 128P ED-2

PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	DGND		DGND		DGND		DGND	
2	MAD1	CN412	MAD2	CN412	MAD3	CN412	MAD4	CN412
3	MAD5	CN412	MAD6	CN412	MAD7	CN412	MAD8	CN412
4	MAD9	CN412	MAD10	CN412	MAD11	CN412	MAD12	CN412
5	MDB0	CN412	MDB1	CN412	MDB2	CN412	MDB3	CN412
6	MDB4	CN412	MDB5	CN412	MDB6	CN412	MDB7	CN412
7	DGND		DGND		DGND		DGND	
8	MMWR*	CN412	MMRD*	CN412				
9	MRDY*	CN412	DGND		EDITRAM*	CN412	DGND	
10	DGND		DGND		DGND		DGND	
11	DGND		DGND		DGND		DGND	
12	EDBUS0	CN424	EDBUS1	CN424	EDBUS2	CN424	EDBUS3	CN424
13	EDBUS4	CN424	EDBUS5	CN424	EDBUS6	CN424	EDBUS7	CN424
14	EDBUS8	CN424	EDBUS9	CN424	EDBUS10	CN424	EDBUS11	CN424
15	EDBUS12	CN424	EDBUS13	CN424	EDBUS14	CN424	EDBUS15	CN424
16	EDBUS16	CN424	EDBUS17	CN424	EDBUS18	CN424	EDBUS19	CN424
17	EDBUS20	CN424	EDBUS21	CN424	EDBUS22	CN424	EDBUS23	CN424
18	WDERR	CN424	MUTRO	CN424	SPLICE*	CN424	EVEN-SP*	CN424
19	EDEMP0	CN424	EDEMP1	CN424	SPUEE*	#1	EXT-SMOE*	CN418
20	RESET1*	CN412	ED-LOOP*	CN420, CN424	MD1*	CN420	AIN/DIN*	CN420
21	DGND		DGND		DGND		DGND	
22	DGND		DGND		DGND		DGND	
23	192FS (+)	CN415	192FS (-)	CN415	BSYNC* (+)	CN415	BSYNC* (-)	CN415
24	WSYNC* (+)	CN415	WSYNC* (-)	CN415	SSYNC* (+)	CN415	SSYNC* (-)	CN415
25	DGND		DGND		DGND		DGND	
26	AGND		AGND		AGND		AGND	
27	-12V		-12V		-12V		-12V	
28	+12V		+12V		+12V		+12V	
29	+5V		+5V		+5V		+5V	
30	+5V		+5V		+5V		+5V	
31	DGND		DGND		DGND		DGND	
32	FG	CN460	DGND		DGND		DGND	

#1: CN405, CN406, CN407, CN408, CN409, CN410, CN449, CN450

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

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A23 128P ED-3									
PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO	
1	DGND		DGND		DGND		DGND		
2	N-EDBUS0	CN405, CN406, CN407	N-EDBUS1	CN405, CN406, CN407	N-EDBUS2	CN405, CN406, CN407	N-EDBUS3	CN405, CN406, CN407	
3	N-EDBUS4	CN405, CN406, CN407	N-EDBUS5	CN405, CN406, CN407	N-EDBUS6	CN405, CN406, CN407	N-EDBUS7	CN405, CN406, CN407	
4	N-EDBUS8	CN405, CN406, CN407	N-EDBUS9	CN405, CN406, CN407	N-EDBUS10	CN405, CN406, CN407	N-EDBUS11	CN405, CN406, CN407	
5	N-EDBUS12	CN405, CN406, CN407	N-EDBUS13	CN405, CN406, CN407	N-EDBUS14	CN405, CN406, CN407	N-EDBUS15	CN405, CN406, CN407	
6	N-WDER	CN405, CN406, CN407	N-MUTRG	CN405, CN406, CN407	N-SPL1CE*	CN405, CN406, CN407	N-EVSP*	CN405, CN406, CN407	
7	N-DEEMP0	CN405, CN406, CN407	N-DEEMP1	CN405, CN406, CN407	N-CRCER	CN405, CN406, CN407	N-SPUSTB*	CN405, CN406, CN407	
8	D-EDBUS0	CN408, CN409, CN410	D-EDBUS1	CN408, CN409, CN410	D-EDBUS2	CN408, CN409, CN410	D-EDBUS3	CN408, CN409, CN410	
9	D-EDBUS4	CN408, CN409, CN410	D-EDBUS5	CN408, CN409, CN410	D-EDBUS6	CN408, CN409, CN410	D-EDBUS7	CN408, CN409, CN410	
10	D-EDBUS8	CN408, CN409, CN410	D-EDBUS9	CN408, CN409, CN410	D-EDBUS10	CN408, CN409, CN410	D-EDBUS11	CN408, CN409, CN410	
11	D-EDBUS12	CN408, CN409, CN410	D-EDBUS13	CN408, CN409, CN410	D-EDBUS14	CN408, CN409, CN410	D-EDBUS15	CN408, CN409, CN410	
12	D-WDER	CN408, CN409, CN410	D-MUTRG	CN408, CN409, CN410	D-SPL1CE*	CN408, CN409, CN410	D-EVSP*	CN408, CN409, CN410	
13	D-DEEMP0	CN408, CN409, CN410	D-DEEMP1	CN408, CN409, CN410	D-CRCER	CN408, CN409, CN410	D-SPUSTB*	CN408, CN409, CN410	
14	DGND		DGND		DGND		DGND		
15	ADABUS23	CN421	ADABUS22	CN421	ADABUS21	CN421	ADABUS20	CN421	
16	ADABUS19	CN421	ADABUS18	CN421	ADABUS17	CN421	ADABUS16	CN421	
17	ADABUS15	CN421	ADABUS14	CN421	ADABUS13	CN421	ADABUS12	CN421	
18	ADABUS11	CN421	ADABUS10	CN421	ADABUS9	CN421	ADABUS8	CN421	
19	ADABUS7	CN421	ADABUS6	CN421	ADABUS5	CN421	ADABUS4	CN421	
20	ADABUS3	CN421	ADABUS2	CN421	ADABUS1	CN421	ADABUS0	CN421	
21	ADAE*MP	CN421	IN/REP*	CN421	INV-EMP-SEL	CN421	16B/24B*	CN411	
22	N-192F (+)	CN414	N-192F (-)	CN414	DGND		DGND		
23	N-WSYNC* (+)	CN414	N-WSYNC* (-)	CN414	DGND		DGND		
24	N-ADABUS23	CN451	N-ADABUS22	CN451	N-ADABUS21	CN451	N-ADABUS20	CN451	
25	N-ADABUS19	CN451	N-ADABUS18	CN451	N-ADABUS17	CN451	N-ADABUS16	CN451	
26	N-ADABUS15	CN451	N-ADABUS14	CN451	N-ADABUS13	CN451	N-ADABUS12	CN451	
27	N-ADABUS11	CN451	N-ADABUS10	CN451	N-ADABUS9	CN451	N-ADABUS8	CN451	
28	N-ADABUS7	CN451	N-ADABUS6	CN451	N-ADABUS5	CN451	N-ADABUS4	CN451	
29	N-ADABUS3	CN451	N-ADABUS2	CN451	N-ADABUS1	CN451	N-ADABUS0	CN451	
30	N-ADA-EMP	CN451	N-ADA-IN/REP*	CN451		CN451	N-INV-EMP-SW	CN451	
31									
32	DGND		DGND		DGND		DGND		

PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	DGND		DGND		DGND		DGND	
2	IMSSYNC (+)	CN440					IMSSYNC (-)	CN440
3	IM192FS (+)	CN440					IM192FS (-)	CN440
4	DGND		DGND		DGND		DGND	
5	INTSEG (+)	CN440					INTSEG (-)	CN440
6	INTCNT (+)	CN440					INTCNT (-)	CN440
7	INTBLK (+)	CN440					INTBLK (-)	CN440
8	DGND		DGND		DGND		DGND	
9								
10							DGND	
11	RECRDY* (+)	CN421					RECRDY* (-)	CN421
12	RECON-MT (+)	CN421					RECON-MT (-)	CN421
13	DGND		DGND		DGND		DGND	
14								
15	DGND		DGND		DGND		DGND	
16	ADABUS23	CN421					ADABUS22	CN421
17	ADABUS21	CN421					ADABUS20	CN421
18	ADABUS19	CN421					ADABUS18	CN421
19	ADABUS17	CN421					ADABUS16	CN421
20	ADABUS15	CN421					ADABUS14	CN421
21	ADABUS13	CN421					ADABUS12	CN421
22	ADABUS11	CN421					ADABUS10	CN421
23	ADABUS9	CN421					ADABUS8	CN421
24	ADABUS7	CN421					ADABUS6	CN421
25	ADABUS5	CN421					ADABUS4	CN421
26	ADABUS3	CN421					ADABUS2	CN421
27	ADABUS1	CN421					ADABUS0	CN421
28	DGND		DGND		DGND		DGND	
29	DGND		DGND		DGND		DGND	
30	ADAEMP	CN423					DGND	
31	IN-/REP*	CN423					DGND	
32	DGND		DGND		DGND		DGND	

PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	DGND		DGND		DGND		DGND	
2								
3								
4								
5								
6								
7								
8					XOV	CN414	DGND	
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28	WSYNC*A (+)	CN414. CN452	WSYNC*A (-)	CN414. CN452	192FSA (+)	CN414. CN452	192FSA (-)	CN414. CN452
29	256FSA (+)	CN414. CN452	256FSA (-)	CN414. CN452	256FSDAD (+)	CN414. CN452	256FSDAD (-)	CN414. CN452
30	DGND		DGND		DGND		DGND	
31					DGND		RESET2*	CN412. CN451
32	DGND		DGND		DGND		DGND	

PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	DGND		DGND		DGND		DGND	
2	D-ADABUS23	CN452	D-ADABUS22	CN452	D-ADABUS21	CN452	D-ADABUS20	CN452
3	D-ADABUS19	CN452	D-ADABUS18	CN452	D-ADABUS17	CN452	D-ADABUS16	CN452
4	D-ADABUS15	CN452	D-ADABUS14	CN452	D-ADABUS13	CN452	D-ADABUS12	CN452
5	D-ADABUS11	CN452	D-ADABUS10	CN452	D-ADABUS9	CN452	D-ADABUS8	CN452
6	D-ADABUS7	CN452	D-ADABUS6	CN452	D-ADABUS5	CN452	D-ADABUS4	CN452
7	D-ADABUS3	CN452	D-ADABUS2	CN452	D-ADABUS1	CN452	D-ADABUS0	CN452
8	D-ADA-EMP	CN452	D-ADA-1/N/REP*	CN452			D-1/V-EMP-SW	CN452
9								
10	DGND		DGND		DGND		DGND	
11	DGND		DGND		DGND		DGND	
12	EDBUS0	CN422	EDBUS1	CN422	EDBUS2	CN422	EDBUS3	CN422
13	EDBUS4	CN422	EDBUS5	CN422	EDBUS6	CN422	EDBUS7	CN422
14	EDBUS8	CN422	EDBUS9	CN422	EDBUS10	CN422	EDBUS11	CN422
15	EDBUS12	CN422	EDBUS13	CN422	EDBUS14	CN422	EDBUS15	CN422
16	EDBUS16	CN422	EDBUS17	CN422	EDBUS18	CN422	EDBUS19	CN422
17	EDBUS20	CN422	EDBUS21	CN422	EDBUS22	CN422	EDBUS23	CN422
18	WDERR	CN422	MUTRO	CN422	SPLIC* +	CN422	EVEN-SP*	CN422
19	EDEMP0	CN422	EDEMP1	CN422	CRCR-MT	CN426	WDER-MT	CN426
20	RESET1*	CN412	ED-LOOP*	CN422				
21	DGND		DGND		DGND		DGND	
22	DGND		DGND		DGND		DGND	
23	192FS (+)	CN415	192FS (-)	CN415	DGND		DGND	
24	WSYNC* (+)	CN415	WSYNC* (-)	CN415	SSYNC* (+)	CN415	SSYNC* (-)	CN415
25	DGND		DGND		DGND		DGND	
26	AGND		AGND		AGND		AGND	
27	-12V		-12V		-12V		-12V	
28	+12V		+12V		+12V		+12V	
29	+5V		+5V		+5V		+5V	
30	+5V		+5V		+5V		+5V	
31	DGND		DGND		DGND		DGND	
32	FG	CN460	DGND		DGND		DGND	

PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	DGND		DGND		DGND		DGND	
2								
3	N-WSYNC (+)	CN414					N-WSYNC* (-)	CN414
4								
5								
6	WDER-MT	CN424					MUTRQ	CN424
7	DGND		DGND		DGND		DGND	
8	CR CER-MT	CN424					DGND	
9								
10								
11								
12	EXTBLK (+)	CN453					EXTBLK (-)	CN453
13	EXTMDO (+)	CN453					EXTMDO (-)	CN453
14	EXTMD1 (+)	CN453					EXTMD1 (-)	CN453
15	EXT768 (+)	CN453					EXT768 (-)	CN453
16	DGND		DGND		DGND		DGND	
17	EXTSY (+)	CN453					EXTSY (-)	CN453
18	EXTCNT (+)	CN453					EXTCNT (-)	CN453
19	EXTDO (+)	CN453					EXTDO (-)	CN453
20	PKRES (+)	CN453					PKRES (-)	CN453
21	DGND		DGND		DGND		DGND	
22	192FS (+)	CN415					192FS (-)	CN415
23	SSYNC (+)	CN415					SSYNC (-)	CN415
24	WSYNC (+)	CN415					WSYNC (-)	CN415
25	DGND		DGND		DGND		DGND	
26	AGND		AGND		AGND		AGND	
27	-12V		-12V		-12V		-12V	
28	+12V		+12V		+12V		+12V	
29	+5V		+5V		+5V		+5V	
30	+5V		+5V		+5V		+5V	
31	DGND		DGND		DGND		DGND	
32	FG	CN460	DGND		DGND		DGND	

PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	DGND		DGND		DGND		DGND	
2	MAD1	CN412	MAD2	CN412	MAD3	CN412	MAD4	CN412
3	MAD5	CN412	MAD6	CN412	MAD7	CN412	MAD8	CN412
4	MAD9	CN412	MAD10	CN412	MAD11	CN412	MAD12	CN412
5	MD80	CN412	MD81	CN412	MD82	CN412	MD83	CN412
6	MD84	CN412	MD85	CN412	MD86	CN412	MD87	CN412
7	DGND		DGND		DGND		DGND	
8	MRDY+	CN412	RESET0+	CN412	MIOWR+	CN412	MIORD+	CN412
9					DGND			
10	CK-ICK*	CN415	CTK10*	CN412, CN415	DGND		DGND	
11								
12								
13								
14								
15								
16								
17			DGND		WCLK (+)	CN415	WCLK (-)	CN415
18					EXWCLK1	CN415, CN441	DGND	
19								
20	EXWCLK	CN415	DGND					
21								
22								
23								
24								
25	AGND		AGND		AGND		AGND	
26	AGND		AGND		AGND		AGND	
27	-12V		-12V		-12V		-12V	
28	+12V		+12V		+12V		+12V	
29	+5V		+5V		+5V		+5V	
30	+5V		+5V		+5V		+5V	
31	DGND		DGND		DGND		DGND	
32	FG	CN460	DGND		DGND		DGND	

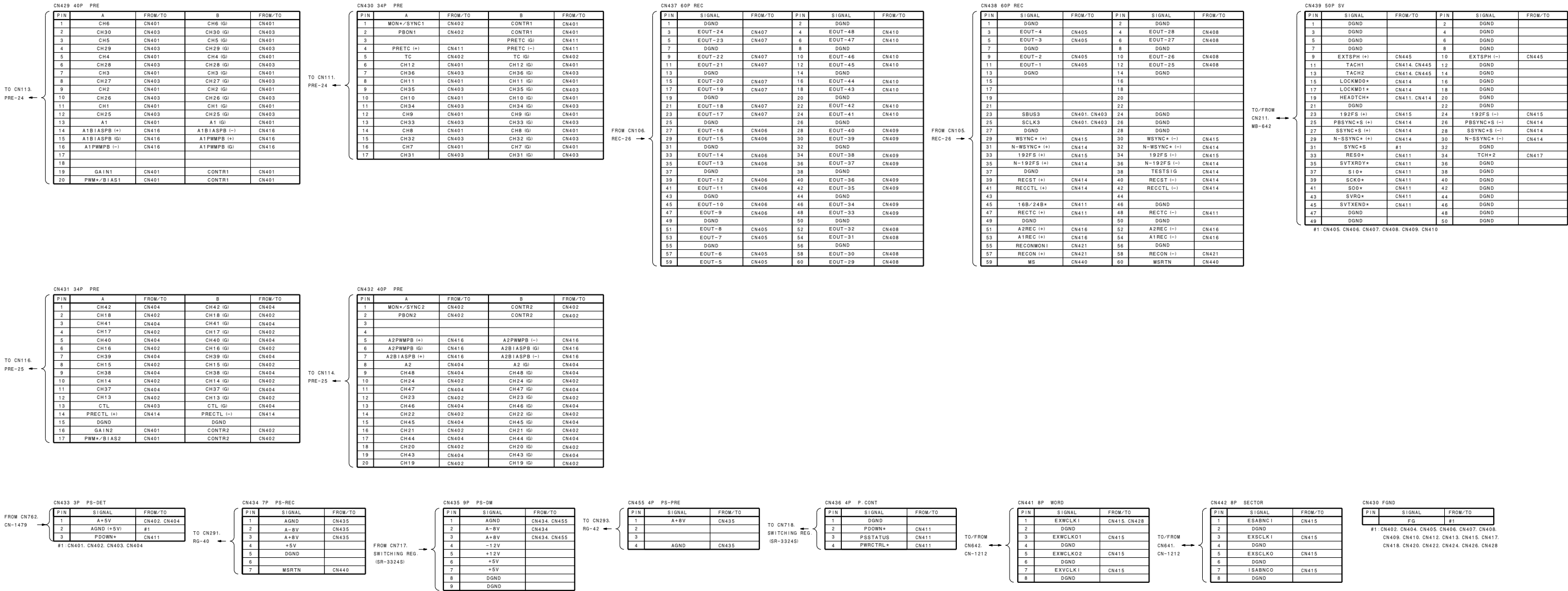
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4

**5**



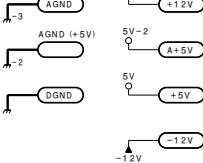
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

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CN440 60P CONPANE						CN440 50P RM						CN449 80P DIO						CN450 80P DIO					
PIN	SIGNAL	FROM/TO	PIN	SIGNAL	FROM/TO	PIN	SIGNAL	FROM/TO	PIN	SIGNAL	FROM/TO	PIN	SIGNAL	FROM/TO	PIN	SIGNAL	FROM/TO	PIN	SIGNAL	FROM/TO	PIN	SIGNAL	FROM/TO
1	DGND		2	DGND		1	KICK (+)	CN418	2	KICK (-)	CN418	1	DGND		2	DGND		1	DGND		2	DGND	
3	IMSSYNC* (+)	CN425	4	IMSSYNC* (-)	CN425	3	RMSAI (+)	CN414	4	RMSAI (-)	CN414	3	DGND		4	DGND		3	DGND		4	DGND	
5	IM192FS (+)	CN425	6	IM192FS (-)	CN425	5	RMSAO (+)	CN414	6	RMSAO (-)	CN414	5			6			5			6		
7	DGND		8	DGND		7	SEL-192FS (+)	CN414	8	SEL-192FS (-)	CN414	7			8			7			8		
9	INTSEG (+)	CN425	10	INTSEG (-)	CN425	9	RECRDY* (+)	CN421	10	RECRDY* (-)	CN421	9	DGND		10	DGND		9	DGND		10	DGND	
11	INTCNT (+)	CN425	12	INTCNT (-)	CN425	11	RECON-MT (+)	CN421	12	RECON-MT (-)	CN421	11	SM2CHBUS0	CN421	12			11	N-DIOBUS0	CN419	12	N-DIOBUS1	CN419
13	INTBLK (+)	CN425	14	INTBLK (-)	CN425	13	RECST (+)	CN414	14	RECST (-)	CN414	13	SM2CHBUS1	CN421	14			13	D-DIOBUS0	CN419	14	D-DIOBUS1	CN419
15	DGND		16	DGND		15	DGND		16	DGND		15	NC (PRIORITY0)	NC	16	NC (PRIORITY1)	NC	15	N-DIOBUS2	CN419	16	N-DIOBUS3	CN419
17	DGND		18	DGND		17	SEL-SSYNC* (+)	CN414	18	SEL-SSYNC* (-)	CN414	17	SM2CHBUS2	CN421	18	SM2CHBUS3	CN421	17	N-DIOBUS4	CN419	18	N-DIOBUS5	CN419
19	RECST (+)	CN414	20	RECST (-)	CN414	19	SEL-WSYNC* (+)	CN414	20	SEL-WSYNC* (-)	CN414	19	SM2CHBUS4	CN421	20	SM2CHBUS5	CN421	19	N-DIOBUS6	CN419	20	N-DIOBUS7	CN419
21	ARPLV	CN416	22			21	DGND		22	DGND		21	SM2CHBUS6	CN421	22	SM2CHBUS7	CN421	21	N-DIOBUS8	CN419	22	N-DIOBUS9	CN419
23	DGND		24	DGND		23	RMTC (+)	CN411	24	RMTC (-)	CN411	23	SM2CHBUS8	CN421	24	SM2CHBUS9	CN421	23	N-DIOBUS10	CN419	24	N-DIOBUS11	CN419
25	DGND		26	DGND		25	RMRES* (+)	CN411	26	RMRES* (-)	CN411	25	SM2CHBUS10	CN421	26	SM2CHBUS11	CN421	25	N-DIOBUS12	CN419	26	N-DIOBUS13	CN419
27	SNK0*	CN411	28	SNK1*	CN411	27	MAD1	CN412	28	MAD2	CN412	27	SM2CHBUS12	CN421	28	SM2CHBUS13	CN421	27	N-DIOBUS14	CN419	28	N-DIOBUS15	CN419
29	SNK2*	CN411	30	SNK3*	CN411	29	MAD3	CN412	30	MAD4	CN412	29	SM2CHBUS14	CN421	30	SM2CHBUS15	CN421	29	N-DIOBUS16	CN419	30	N-DIOBUS17	CN419
31	SNK4*	CN411	32	SNK5*	CN411	31	MAD5	CN412	32	MAD6	CN412	31	SM2CHBUS16	CN421	32	SM2CHBUS17	CN421	31	N-DIOBUS18	CN419	32	N-DIOBUS19	CN419
33	SNK6*	CN411	34	SNK7*	CN411	33	MAD7	CN412	34	MAD8	CN412	33	DGND		34	DGND		33	N-DIOEMP0	CN419	34	N-DIOIF*	CN419
35	RL0*	CN411	36	RL1*	CN411	35	MAD9	CN412	36	MAD10	CN412	35	SM2CHBUS18	CN421	36	SM2CHBUS19	CN421	35	N-DINACT*	CN419	36	N-DIOERR	CN419
37	RL2*	CN411	38	RL3*	CN411	37	MAD11	CN412	38	MAD12	CN412	37	2CH-X-BUS-EMP	CN421	38	2CH-SDIF*	CN421	37	N-BACT*	CN419	38	DGND	
39	RL4*	CN411	40	RL5*	CN411	39	MOB0	CN412	40	MOB1	CN412	39	2CH-DINACT*	CN421	40	2CH-DIOERR	CN421	39	D-DIOBUS2	CN419	40	D-DIOBUS3	CN419
41	RL6*	CN411	42	RL7*	CN411	41	MOB2	CN412	42	MOB3	CN412	41	2CH-BACT*	CN421	42			41	SPUEE*	CN422	42		
43	DGND		44	DGND		43	MOB4	CN412	44	MOB5	CN412	43	NC (PRIORITY2)	NC	44	NC (PRIORITY3)	NC	43	DGND		44	DGND	
45	SL3	CN411	46	SL2	CN411	45	MOB6	CN412	46	MOB7	CN412	45	SPUEE*	CN422	46	DGND		45	N-DIOBUS21	CN419	46	N-DIOBUS22	CN419
47	SL1	CN411	48	SL0	CN411	47	DGND		48	DGND		47	256FS (+)	CN414	48	256FS (-)	CN414	47	N-DIOBUS23	CN419	48	N-DIOBUS24	CN419
49	SYSDSP	CN411	50	DGND		49	DGND		50	DGND		49	DGND		50	DGND		49	D-DIOBUS5	CN419	50	D-DIOBUS6	CN419
51	DSPCKRCO	CN411	52	DSPSRDATA	CN411							51	DGND		52	DGND		51	D-DIOBUS7	CN419	52	D-DIOBUS8	CN419
53	DSPCK	CN411	54	LOCDSCK*	CN411							53	DGND		54	DGND		53	D-DIOBUS9	CN419	54	D-DIOBUS10	CN419
55	MS	CN438	56	MSRTN	CN434, CN438							55	DGND		56	DGND		55	D-DIOBUS11	CN419	56	D-DIOBUS12	CN419
57	DGND		58	DGND								57	DGND		58	DGND		57	D-DIOBUS13	CN419	58	D-DIOBUS14	CN419
59	DGND		60	DGND								59	DGND		60	DGND		59	D-DIOEMP0	CN419	60	D-SDIF*	CN419
												61	WSYNC*D (+)	CN414	62	WSYNC*D (-)	CN414	61	D-DINACT*	CN419	62	D-DIOERR	CN419
												63	DGND		64	DGND		63	D-BACT*	CN419	64	DGND	
												65	192FSDIO (+)	CN414	66	192FSDIO (-)	CN414	65	D-DIOBUS16	CN419	66	D-DIOBUS15	CN419
												67	DGND		68	DGND		67	D-DIOBUS14	CN419	68	D-DIOBUS17	CN419
												69	FS1D0	CN411	70	FS1D1	CN411	69			70		
												71	FS1D2	CN411	72	PMUTE*	CN411	71	D-DIOBUS18	CN419	72	D-DIOBUS19	CN419
												73			74			73	DGND		74	SDIF/MAD1*	CN421
												75	SM2CHBUS20	CN421	76	SM2CHBUS21	CN421	75			76	D-DIOBUS20	CN419
												77	SM2CHBUS22	CN421	78	SM2CHBUS23	CN421	77	D-DIOBUS21	CN419	78	D-DIOBUS22	CN419
												79	AESWCLK	CN414	80	DGND		79	D-DIOBUS23	CN419	80	NC (RMADIO)	NC



3

4

5

CN447 12P A/TC OUT		
PIN	SIGNAL	FROM/TO
1	PBTCOUT (+)	CN411
2	PBTCOUT (-)	CN411
3	DGND	
4		
5	A2OUT (+)	CN417
6	A2OUT (-)	CN417
7	DGND	
8		
9	A1OUT (+)	CN417
10	A1OUT (-)	CN417
11	DGND	
12		

CN448 12P A/TC IN		
PIN	SIGNAL	FROM/TO
1	DGND	
2	EXTTCIN (-)	CN411
3	EXTTCIN (+)	CN411
4		
5	DGND	
6	A2IN (-)	CN417
7	A2IN (+)	CN417
8		
9	DGND	
10	A1IN (-)	CN417
11	A1IN (+)	CN417
12		

CN453 40P METER			
PIN	A	FROM/TO	B
1	EXTBLK (+)	CN426	
2	EXTBLK (-)	CN426	EXTMD0 (+)
3	DGND		EXTMD0 (-)
4	DGND		EXTMD1 (+)
5	EXT768 (+)	CN426	EXTMD1 (-)
6	EXT768 (-)	CN426	
7	DGND		
8	DGND		
9	EXTSY (+)	CN426	DGND
10	EXTSY (-)	CN426	DGND
11	EXTCNT (+)	CN426	
12	EXTCNT (-)	CN426	
13	EXTDD (+)	CN426	
14	EXTDD (-)	CN426	
15	DGND		ISAMTO (+)
16	DGND		ISAMTO (-)
17	PKRES (+)	CN426	DGND
18	PKRES (-)	CN426	
19			
20			

MOTHER BOARD  
**MB-643 (8/8)**  
BOARD NO. 1-658-958-12  
B-PCM3348HR-MB643-S/M

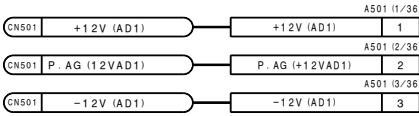
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

CN549 60P MB-643 CN451				
PIN	A	FROM/TO	B	FROM/TO
1	P. DG (5V)	CN560	P. DG (5V)	CN560
2	P. DG (5V)	CN560	P. DG (5V)	CN560
3	P. DG (5V)	CN560	P. DG (5V)	CN560
4	P. DG (5V)	CN560	P. DG (5V)	CN560
5	N-ADABUS23	*1	N-ADABUS22	*1
6	N-ADABUS21	*1	N-ADABUS20	*1
7	N-ADABUS19	*1	N-ADABUS18	*1
8	N-ADABUS17	*1	N-ADABUS16	*1
9	N-ADABUS15	*1	N-ADABUS14	*1
10	N-ADABUS13	*1	N-ADABUS12	*1
11	N-ADABUS11	*1	N-ADABUS10	*1
12	N-ADABUS9	*1	N-ADABUS8	*1
13	N-ADABUS7	*1	N-ADABUS6	*1
14	N-ADABUS5	*1	N-ADABUS4	*1
15	N-ADABUS3	*1	N-ADABUS2	*1
16	N-ADABUS1	*1	N-ADABUS0	*1
17				
18	N-ADAEMP	*1	RG-ADA1	*1
19	N-IN/REP*	*1	RG-ADA1	*1
20				
21				
22				
23	16B/24B*	*2	RG-16/24*	*2
24	RESET2*	*2	RG-MC	*2
25	PMUTE*	*2	RG-MC	*2
26				
27	P. DG (5V)	CN560	P. DG (5V)	CN560
28	P. DG (5V)	CN560	P. DG (5V)	CN560
29	P. DG (5V)	CN560	P. DG (5V)	CN560
30	P. DG (5V)	CN560	P. DG (5V)	CN560

\*1 : CN501. 503. 505. 507. 509. 511

\*2 : CN502. 504. 506. 508. 510. 512. 514. 516. 518. 520. 522. 524

CN501 DAD-1								
PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	P. AG (12VAD1)	A501	P. AG (12VAD1)	A501	P. AG (12VAD1)	A501	P. AG (12VAD1)	A501
2	-12V (AD1)	A501	-12V (AD1)	A501	-12V (AD1)	A501	-12V (AD1)	A501
3	+12V (AD1)	A501	+12V (AD1)	A501	+12V (AD1)	A501	+12V (AD1)	A501
4	AGND (AD1)		AGND (AD1)		AGND (AD1)		AGND (AD1)	
5	INPUT1 (+)	CN525	INPUT1 (+)	CN525	INPUT1 (+)	CN525	INPUT1 (+)	CN525
6	INPUT1 (-)	CN525	INPUT1 (-)	CN525	INPUT1 (-)	CN525	INPUT1 (-)	CN525
7	AGND1	CN525	AGND1	CN525	AGND1	CN525	AGND1	CN525
8	INPUT2 (+)	CN525	INPUT2 (+)	CN525	INPUT2 (+)	CN525	INPUT2 (+)	CN525
9	INPUT2 (-)	CN525	INPUT2 (-)	CN525	INPUT2 (-)	CN525	INPUT2 (-)	CN525
10	AGND2	CN525	AGND2	CN525	AGND2	CN525	AGND2	CN525
11	INPUT3 (+)	CN525	INPUT3 (+)	CN525	INPUT3 (+)	CN525	INPUT3 (+)	CN525
12	INPUT3 (-)	CN525	INPUT3 (-)	CN525	INPUT3 (-)	CN525	INPUT3 (-)	CN525
13	AGND3	CN525	AGND3	CN525	AGND3	CN525	AGND3	CN525
14	INPUT4 (+)	CN525	INPUT4 (+)	CN525	INPUT4 (+)	CN525	INPUT4 (+)	CN525
15	INPUT4 (-)	CN525	INPUT4 (-)	CN525	INPUT4 (-)	CN525	INPUT4 (-)	CN525
16	AGND4	CN525	AGND4	CN525	AGND4	CN525	AGND4	CN525
17	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560
18	N-ADABUS23	CN549					N-ADABUS22	CN549
19	N-ADABUS21	CN549					N-ADABUS20	CN549
20	N-ADABUS19	CN549					N-ADABUS18	CN549
21	N-ADABUS17	CN549					N-ADABUS16	CN549
22	N-ADABUS15	CN549					N-ADABUS14	CN549
23	N-ADABUS13	CN549					N-ADABUS12	CN549
24	N-ADABUS11	CN549					N-ADABUS10	CN549
25	N-ADABUS9	CN549					N-ADABUS8	CN549
26	N-ADABUS7	CN549	N-ADABUS3	CN549	N-ADABUS2	CN549	N-ADABUS6	CN549
27	N-ADABUS5	CN549	N-ADABUS1	CN549	N-ADABUS0	CN549	N-ADABUS4	CN549
28	RG-ADA1	CN549	RG-ADA1	CN549	RG-ADA1	CN549	RG-ADA1	CN549
29	N-ADAEMP	CN549					RG-ADA1	CN549
30	N-IN/REP*	CN549					RG-ADA1	CN549
31	+5V	BUS BAR (A)	+5V	BUS BAR (A)	+5V	BUS BAR (A)	+5V	BUS BAR (A)
32	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560

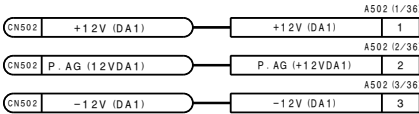


CN525 12P LINE IN CH1-4		
PIN	SIGNAL	FROM/TO
1	AGND4	CN501
2	INPUT4 (-)	CN501
3	INPUT4 (+)	CN501
4	AGND3	CN501
5	INPUT3 (-)	CN501
6	INPUT3 (+)	CN501
7	AGND2	CN501
8	INPUT2 (-)	CN501
9	INPUT2 (+)	CN501
10	AGND1	CN501
11	INPUT1 (-)	CN501
12	INPUT1 (+)	CN501

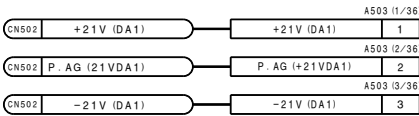
MB-643 CN452				
PIN	A	FROM/TO	B	FROM/TO
1	P. DG (5V)	CN560	P. DG (5V)	CN560
2	P. DG (5V)	CN560	P. DG (5V)	CN560
3	P. DG (5V)	CN560	P. DG (5V)	CN560
4	P. DG (5V)	CN560	P. DG (5V)	CN560
5	D-ADABUS23	*3	D-ADABUS22	*3
6	D-ADABUS21	*3	D-ADABUS20	*3
7	D-ADABUS19	*3	D-ADABUS18	*3
8	D-ADABUS17	*3	D-ADABUS16	*3
9	D-ADABUS15	*3	D-ADABUS14	*3
10	D-ADABUS13	*3	D-ADABUS12	*3
11	D-ADABUS11	*3	D-ADABUS10	*3
12	D-ADABUS9	*3	D-ADABUS8	*3
13	D-ADABUS7	*3	D-ADABUS6	*3
14	D-ADABUS5	*3	D-ADABUS4	*3
15	D-ADABUS3	*3	D-ADABUS2	*3
16	D-ADABUS1	*3	D-ADABUS0	*3
17				
18	D-ADAEMP	*3	RG-ADA2	*3
19	D-IN/REP*	*3	RG-ADA2	*3
20				
21				
22	256FSDAD (+)	*2	256FSDAD (-)	*2
23	256FSA (+)	*2	256FSA (-)	*2
24	192FSA (+)	*2	192FSA (-)	*2
25	WSYNC*A (+)	*2	WSYNC*A (-)	*2
26	RG-CTK24	*2	RG-CTK24	*2
27	P. DG (5V)	CN560	P. DG (5V)	CN560
28	P. DG (5V)	CN560	P. DG (5V)	CN560
29	P. DG (5V)	CN560	P. DG (5V)	CN560
30	P. DG (5V)	CN560	P. DG (5V)	CN560

\*3 : CN513. 515. 517. 519. 521. 523

CN502 DAD-1								
PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560
2	P. DG (5V) : B1D0	CN560					P. DG (5V) : B1D1	CN560
3	P. DG (5V) : B1D2	CN560						
4	PMUTE*	CN549					RG-MC	CN549
5	RESET2*	CN549	RG-MC	CN549	16B/24B*	CN549	RG-16/24*	CN549
6	RG-CTK24	CN550	RG-CTK24	CN550	RG-CTK24	CN550	RG-CTK24	CN550
7	WSYNC*A (+)	CN550					WSYNC*A (-)	CN550
8	192FSA (+)	CN550					192FSA (-)	CN550
9	256FSA (+)	CN550					256FSA (-)	CN550
10	256FSDAD (+)	CN550					256FSDAD (-)	CN550
11	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560
12	AGND (DA11)		AGND (DA11)		AGND (DA11)		AGND (DA11)	
13	AGND1	CN526	AGND1	CN526	AGND1	CN526	AGND1	CN526
14	OUTPUT1 (-)	CN526	OUTPUT1 (-)	CN526	OUTPUT1 (-)	CN526	OUTPUT1 (-)	CN526
15	OUTPUT1 (+)	CN526	OUTPUT1 (+)	CN526	OUTPUT1 (+)	CN526	OUTPUT1 (+)	CN526
16	AGND2	CN526	AGND2	CN526	AGND2	CN526	AGND2	CN526
17	OUTPUT2 (-)	CN526	OUTPUT2 (-)	CN526	OUTPUT2 (-)	CN526	OUTPUT2 (-)	CN526
18	OUTPUT2 (+)	CN526	OUTPUT2 (+)	CN526	OUTPUT2 (+)	CN526	OUTPUT2 (+)	CN526
19	AGND3	CN526	AGND3	CN526	AGND3	CN526	AGND3	CN526
20	OUTPUT3 (-)	CN526	OUTPUT3 (-)	CN526	OUTPUT3 (-)	CN526	OUTPUT3 (-)	CN526
21	OUTPUT3 (+)	CN526	OUTPUT3 (+)	CN526	OUTPUT3 (+)	CN526	OUTPUT3 (+)	CN526
22	AGND4	CN526	AGND4	CN526	AGND4	CN526	AGND4	CN526
23	OUTPUT4 (-)	CN526	OUTPUT4 (-)	CN526	OUTPUT4 (-)	CN526	OUTPUT4 (-)	CN526
24	OUTPUT4 (+)	CN526	OUTPUT4 (+)	CN526	OUTPUT4 (+)	CN526	OUTPUT4 (+)	CN526
25	AGND (DA1)		AGND (DA1)		AGND (DA1)		AGND (DA1)	
26	+12V (DA1)	A502	+12V (DA1)	A502	+12V (DA1)	A502	+12V (DA1)	A502
27	-12V (DA1)	A502	-12V (DA1)	A502	-12V (DA1)	A502	-12V (DA1)	A502
28	P. AG (12VDA1)	A502	P. AG (12VDA1)	A502	P. AG (12VDA1)	A502	P. AG (12VDA1)	A502
29	-21V (DA1)	A503	-21V (DA1)	A503	-21V (DA1)	A503	-21V (DA1)	A503
30	+21V (DA1)	A503	+21V (DA1)	A503	+21V (DA1)	A503	+21V (DA1)	A503
31	P. AG (21VDA1)	A503	P. AG (21VDA1)	A503	P. AG (21VDA1)	A503	P. AG (21VDA1)	A503
32	FGND	CN561	P. AG (21VDA1)	A503	P. AG (21VDA1)	A503	P. AG (21VDA1)	A503



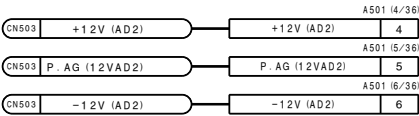
CN526 12P LINE OUT CH1-4		
PIN	SIGNAL	FROM/TO
1	OUTPUT4 (+)	CN502
2	OUTPUT4 (-)	CN502
3	AGND4	CN502
4	OUTPUT3 (+)	CN502
5	OUTPUT3 (-)	CN502
6	AGND3	CN502
7	OUTPUT2 (+)	CN502
8	OUTPUT2 (-)	CN502
9	AGND2	CN502
10	OUTPUT1 (+)	CN502
11	OUTPUT1 (-)	CN502
12	AGND1	CN502



A501. 502. 503 : BUS BAR (TRIPLE LAYER)

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

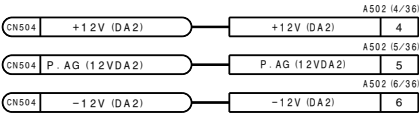
DAD-2								
CN503								
PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	P. AG (12VAD2)	A501	P. AG (12VAD2)	A501	P. AG (12VAD2)	A501	P. AG (12VAD2)	A501
2	-12V (AD2)	A501	-12V (AD2)	A501	-12V (AD2)	A501	-12V (AD2)	A501
3	+12V (AD2)	A501	+12V (AD2)	A501	+12V (AD2)	A501	+12V (AD2)	A501
4	AGND (AD2)		AGND (AD2)		AGND (AD2)		AGND (AD2)	
5	INPUT5 (+)	CN527	INPUT5 (+)	CN527	INPUT5 (+)	CN527	INPUT5 (+)	CN527
6	INPUT5 (-)	CN527	INPUT5 (-)	CN527	INPUT5 (-)	CN527	INPUT5 (-)	CN527
7	AGND5	CN527	AGND5	CN527	AGND5	CN527	AGND5	CN527
8	INPUT6 (+)	CN527	INPUT6 (+)	CN527	INPUT6 (+)	CN527	INPUT6 (+)	CN527
9	INPUT6 (-)	CN527	INPUT6 (-)	CN527	INPUT6 (-)	CN527	INPUT6 (-)	CN527
10	AGND6	CN527	AGND6	CN527	AGND6	CN527	AGND6	CN527
11	INPUT7 (+)	CN527	INPUT7 (+)	CN527	INPUT7 (+)	CN527	INPUT7 (+)	CN527
12	INPUT7 (-)	CN527	INPUT7 (-)	CN527	INPUT7 (-)	CN527	INPUT7 (-)	CN527
13	AGND7	CN527	AGND7	CN527	AGND7	CN527	AGND7	CN527
14	INPUT8 (+)	CN527	INPUT8 (+)	CN527	INPUT8 (+)	CN527	INPUT8 (+)	CN527
15	INPUT8 (-)	CN527	INPUT8 (-)	CN527	INPUT8 (-)	CN527	INPUT8 (-)	CN527
16	AGND8	CN527	AGND8	CN527	AGND8	CN527	AGND8	CN527
17	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560
18	N-ADABUS23	CN549					N-ADABUS22	CN549
19	N-ADABUS21	CN549					N-ADABUS20	CN549
20	N-ADABUS19	CN549					N-ADABUS18	CN549
21	N-ADABUS17	CN549					N-ADABUS16	CN549
22	N-ADABUS15	CN549					N-ADABUS14	CN549
23	N-ADABUS13	CN549					N-ADABUS12	CN549
24	N-ADABUS11	CN549					N-ADABUS10	CN549
25	N-ADABUS9	CN549					N-ADABUS8	CN549
26	N-ADABUS7	CN549	N-ADABUS3	CN549	N-ADABUS2	CN549	N-ADABUS6	CN549
27	N-ADABUS5	CN549	N-ADABUS1	CN549	N-ADABUS0	CN549	N-ADABUS4	CN549
28	RG-ADA1	CN549	RG-ADA1	CN549	RG-ADA1	CN549	RG-ADA1	CN549
29	N-ADAEMP	CN549					RG-ADA1	CN549
30	N-IN/REP*	CN549					RG-ADA1	CN549
31	+5V	BUS BAR (A)	+5V	BUS BAR (A)	+5V	BUS BAR (A)	+5V	BUS BAR (A)
32	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560



CN527 12P LINE IN CH5-8

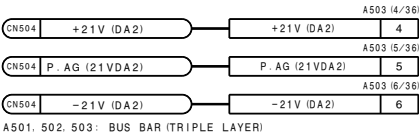
PIN	SIGNAL	FROM/TO
1	AGND8	CN503
2	INPUT8 (-)	CN503
3	INPUT8 (+)	CN503
4	AGND7	CN503
5	INPUT7 (-)	CN503
6	INPUT7 (+)	CN503
7	AGND6	CN503
8	INPUT6 (-)	CN503
9	INPUT6 (+)	CN503
10	AGND5	CN503
11	INPUT5 (-)	CN503
12	INPUT5 (+)	CN503

DAD-2								
CN504								
PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560
2	NC: B1D0	CN560					P. DG (5V) : B1D1	CN560
3	P. DG (5V) : B1D2	CN560						
4	PMUTE*	CN549					RG-MC	CN549
5	RESET2*	CN549	RG-MC	CN549	16B/24B*	CN549	RG-16/24*	CN549
6	RG-CTK24	CN550	RG-CTK24	CN550	RG-CTK24	CN550	RG-CTK24	CN550
7	WSYNC*A (+)	CN550					WSYNC*A (-)	CN550
8	192FSA (+)	CN550					192FSA (-)	CN550
9	256FSA (+)	CN550					256FSA (-)	CN550
10	256FSDAD (+)	CN550					256FSDAD (-)	CN550
11	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560
12	AGND (DA21)		AGND (DA21)		AGND (DA21)		AGND (DA21)	
13	AGND5	CN528	AGND5	CN528	AGND5	CN528	AGND5	CN528
14	OUTPUT5 (-)	CN528	OUTPUT5 (-)	CN528	OUTPUT5 (-)	CN528	OUTPUT5 (-)	CN528
15	OUTPUT5 (+)	CN528	OUTPUT5 (+)	CN528	OUTPUT5 (+)	CN528	OUTPUT5 (+)	CN528
16	AGND6	CN528	AGND6	CN528	AGND6	CN528	AGND6	CN528
17	OUTPUT6 (-)	CN528	OUTPUT6 (-)	CN528	OUTPUT6 (-)	CN528	OUTPUT6 (-)	CN528
18	OUTPUT6 (+)	CN528	OUTPUT6 (+)	CN528	OUTPUT6 (+)	CN528	OUTPUT6 (+)	CN528
19	AGND7	CN528	AGND7	CN528	AGND7	CN528	AGND7	CN528
20	OUTPUT7 (-)	CN528	OUTPUT7 (-)	CN528	OUTPUT7 (-)	CN528	OUTPUT7 (-)	CN528
21	OUTPUT7 (+)	CN528	OUTPUT7 (+)	CN528	OUTPUT7 (+)	CN528	OUTPUT7 (+)	CN528
22	AGND8	CN528	AGND8	CN528	AGND8	CN528	AGND8	CN528
23	OUTPUT8 (-)	CN528	OUTPUT8 (-)	CN528	OUTPUT8 (-)	CN528	OUTPUT8 (-)	CN528
24	OUTPUT8 (+)	CN528	OUTPUT8 (+)	CN528	OUTPUT8 (+)	CN528	OUTPUT8 (+)	CN528
25	AGND (DA2)		AGND (DA2)		AGND (DA2)		AGND (DA2)	
26	+12V (DA2)	A502	+12V (DA2)	A502	+12V (DA2)	A502	+12V (DA2)	A502
27	-12V (DA2)	A502	-12V (DA2)	A502	-12V (DA2)	A502	-12V (DA2)	A502
28	P. AG (12VDA2)	A502	P. AG (12VDA2)	A502	P. AG (12VDA2)	A502	P. AG (12VDA2)	A502
29	-21V (DA2)	A503	-21V (DA2)	A503	-21V (DA2)	A503	-21V (DA2)	A503
30	+21V (DA2)	A503	+21V (DA2)	A503	+21V (DA2)	A503	+21V (DA2)	A503
31	P. AG (21VDA2)	A503	P. AG (21VDA2)	A503	P. AG (21VDA2)	A503	P. AG (21VDA2)	A503
32	FGND	CN561	P. AG (21VDA2)	A503	P. AG (21VDA2)	A503	P. AG (21VDA2)	A503

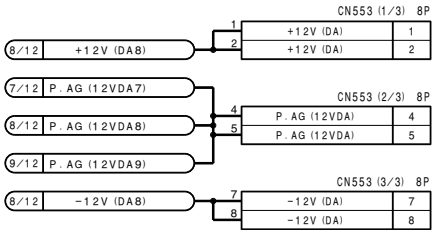
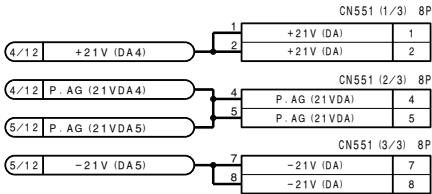
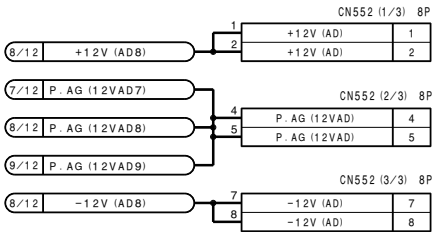


CN528 12P LINE OUT CH5-8

PIN	SIGNAL	FROM/TO
1	OUTPUT8 (+)	CN504
2	OUTPUT8 (-)	CN504
3	AGND8	CN504
4	OUTPUT7 (+)	CN504
5	OUTPUT7 (-)	CN504
6	AGND7	CN504
7	OUTPUT6 (+)	CN504
8	OUTPUT6 (-)	CN504
9	AGND6	CN504
10	OUTPUT5 (+)	CN504
11	OUTPUT5 (-)	CN504
12	AGND5	CN504

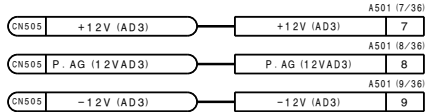


PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

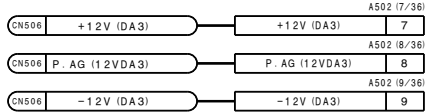


CN505 DAD-3								
PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	P. AG (12VAD3)	A501	P. AG (12VAD3)	A501	P. AG (12VAD3)	A501	P. AG (12VAD3)	A501
2	-12V (AD3)	A501	-12V (AD3)	A501	-12V (AD3)	A501	-12V (AD3)	A501
3	+12V (AD3)	A501	+12V (AD3)	A501	+12V (AD3)	A501	+12V (AD3)	A501
4	AGND (AD3)		AGND (AD3)		AGND (AD3)		AGND (AD3)	
5	INPUT9 (+)	CN529	INPUT9 (+)	CN529	INPUT9 (+)	CN529	INPUT9 (+)	CN529
6	INPUT9 (-)	CN529	INPUT9 (-)	CN529	INPUT9 (-)	CN529	INPUT9 (-)	CN529
7	AGND9	CN529	AGND9	CN529	AGND9	CN529	AGND9	CN529
8	INPUT10 (+)	CN529	INPUT10 (+)	CN529	INPUT10 (+)	CN529	INPUT10 (+)	CN529
9	INPUT10 (-)	CN529	INPUT10 (-)	CN529	INPUT10 (-)	CN529	INPUT10 (-)	CN529
10	AGND10	CN529	AGND10	CN529	AGND10	CN529	AGND10	CN529
11	INPUT11 (+)	CN529	INPUT11 (+)	CN529	INPUT11 (+)	CN529	INPUT11 (+)	CN529
12	INPUT11 (-)	CN529	INPUT11 (-)	CN529	INPUT11 (-)	CN529	INPUT11 (-)	CN529
13	AGND11	CN529	AGND11	CN529	AGND11	CN529	AGND11	CN529
14	INPUT12 (+)	CN529	INPUT12 (+)	CN529	INPUT12 (+)	CN529	INPUT12 (+)	CN529
15	INPUT12 (-)	CN529	INPUT12 (-)	CN529	INPUT12 (-)	CN529	INPUT12 (-)	CN529
16	AGND12	CN529	AGND12	CN529	AGND12	CN529	AGND12	CN529
17	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560
18	N-ADABUS23	CN549					N-ADABUS22	CN549
19	N-ADABUS21	CN549					N-ADABUS20	CN549
20	N-ADABUS19	CN549					N-ADABUS18	CN549
21	N-ADABUS17	CN549					N-ADABUS16	CN549
22	N-ADABUS15	CN549					N-ADABUS14	CN549
23	N-ADABUS13	CN549					N-ADABUS12	CN549
24	N-ADABUS11	CN549					N-ADABUS10	CN549
25	N-ADABUS9	CN549					N-ADABUS8	CN549
26	N-ADABUS7	CN549	N-ADABUS3	CN549	N-ADABUS2	CN549	N-ADABUS6	CN549
27	N-ADABUS5	CN549	N-ADABUS1	CN549	N-ADABUS0	CN549	N-ADABUS4	CN549
28	RG-ADA1	CN549	RG-ADA1	CN549	RG-ADA1	CN549	RG-ADA1	CN549
29	N-ADAEMP	CN549					RG-ADA1	CN549
30	N-IN/REP*	CN549					RG-ADA1	CN549
31	+5V	BUS BAR (A)	+5V	BUS BAR (A)	+5V	BUS BAR (A)	+5V	BUS BAR (A)
32	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560

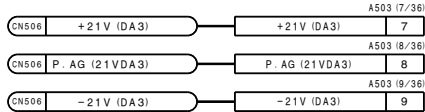
CN506 DAD-3								
PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560
2	P. DG (5V) : B1D0	CN560					NC : B1D1	CN560
3	P. DG (5V) : B1D2	CN560						
4	PMUTE*	CN549					RG-MC	CN549
5	RESET2*	CN549	RG-MC	CN549	16B/24B*	CN549	RG-16/24*	CN549
6	RG-CTK24	CN550	RG-CTK24	CN550	RG-CTK24	CN550	RG-CTK24	CN550
7	WSYNC*A (+)	CN550					WSYNC*A (-)	CN550
8	192FSA (+)	CN550					192FSA (-)	CN550
9	256FSA (+)	CN550					256FSA (-)	CN550
10	256FSDAD (+)	CN550					256FSDAD (-)	CN550
11	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560
12	AGND (DA31)		AGND (DA31)		AGND (DA31)		AGND (DA31)	
13	AGND9	CN530	AGND9	CN530	AGND9	CN530	AGND9	CN530
14	OUTPUT9 (-)	CN530	OUTPUT9 (-)	CN530	OUTPUT9 (-)	CN530	OUTPUT9 (-)	CN530
15	OUTPUT9 (+)	CN530	OUTPUT9 (+)	CN530	OUTPUT9 (+)	CN530	OUTPUT9 (+)	CN530
16	AGND10	CN530	AGND10	CN530	AGND10	CN530	AGND10	CN530
17	OUTPUT10 (-)	CN530	OUTPUT10 (-)	CN530	OUTPUT10 (-)	CN530	OUTPUT10 (-)	CN530
18	OUTPUT10 (+)	CN530	OUTPUT10 (+)	CN530	OUTPUT10 (+)	CN530	OUTPUT10 (+)	CN530
19	AGND11	CN530	AGND11	CN530	AGND11	CN530	AGND11	CN530
20	OUTPUT11 (-)	CN530	OUTPUT11 (-)	CN530	OUTPUT11 (-)	CN530	OUTPUT11 (-)	CN530
21	OUTPUT11 (+)	CN530	OUTPUT11 (+)	CN530	OUTPUT11 (+)	CN530	OUTPUT11 (+)	CN530
22	AGND12	CN530	AGND12	CN530	AGND12	CN530	AGND12	CN530
23	OUTPUT12 (-)	CN530	OUTPUT12 (-)	CN530	OUTPUT12 (-)	CN530	OUTPUT12 (-)	CN530
24	OUTPUT12 (+)	CN530	OUTPUT12 (+)	CN530	OUTPUT12 (+)	CN530	OUTPUT12 (+)	CN530
25	AGND (DA3)		AGND (DA3)		AGND (DA3)		AGND (DA3)	
26	+12V (DA3)	A502	+12V (DA3)	A502	+12V (DA3)	A502	+12V (DA3)	A502
27	-12V (DA3)	A502	-12V (DA3)	A502	-12V (DA3)	A502	-12V (DA3)	A502
28	P. AG (12VDA3)	A502	P. AG (12VDA3)	A502	P. AG (12VDA3)	A502	P. AG (12VDA3)	A502
29	-21V (DA3)	A503	-21V (DA3)	A503	-21V (DA3)	A503	-21V (DA3)	A503
30	+21V (DA3)	A503	+21V (DA3)	A503	+21V (DA3)	A503	+21V (DA3)	A503
31	P. AG (21VDA3)	A503	P. AG (21VDA3)	A503	P. AG (21VDA3)	A503	P. AG (21VDA3)	A503
32	FGND	CN561	P. AG (21VDA3)	A503	P. AG (21VDA3)	A503	P. AG (21VDA3)	A503



CN529 12P LINE IN CH9-12		
PIN	SIGNAL	FROM/TO
1	AGND12	CN505
2	INPUT12 (-)	CN505
3	INPUT12 (+)	CN505
4	AGND11	CN505
5	INPUT11 (-)	CN505
6	INPUT11 (+)	CN505
7	AGND10	CN505
8	INPUT10 (-)	CN505
9	INPUT10 (+)	CN505
10	AGND9	CN505
11	INPUT9 (-)	CN505
12	INPUT9 (+)	CN505



CN530 12P LINE OUT CH9-12		
PIN	SIGNAL	FROM/TO
1	OUTPUT12 (+)	CN506
2	OUTPUT12 (-)	CN506
3	AGND12	CN506
4	OUTPUT11 (+)	CN506
5	OUTPUT11 (-)	CN506
6	AGND11	CN506
7	OUTPUT10 (+)	CN506
8	OUTPUT10 (-)	CN506
9	AGND10	CN506
10	OUTPUT9 (+)	CN506
11	OUTPUT9 (-)	CN506
12	AGND9	CN506

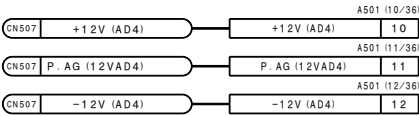


A501, 502, 503 : BUS BAR (TRIPLE LAYER)

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

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DAD-4								
CN507								
PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	P. AG (12VAD4)	A501	P. AG (12VAD4)	A501	P. AG (12VAD4)	A501	P. AG (12VAD4)	A501
2	-12V (AD4)	A501	-12V (AD4)	A501	-12V (AD4)	A501	-12V (AD4)	A501
3	+12V (AD4)	A501	+12V (AD4)	A501	+12V (AD4)	A501	+12V (AD4)	A501
4	AGND (AD4)		AGND (AD4)		AGND (AD4)		AGND (AD4)	
5	INPUT13 (+)	CN531	INPUT13 (+)	CN531	INPUT13 (+)	CN531	INPUT13 (+)	CN531
6	INPUT13 (-)	CN531	INPUT13 (-)	CN531	INPUT13 (-)	CN531	INPUT13 (-)	CN531
7	AGND13	CN531	AGND13	CN531	AGND13	CN531	AGND13	CN531
8	INPUT14 (+)	CN531	INPUT14 (+)	CN531	INPUT14 (+)	CN531	INPUT14 (+)	CN531
9	INPUT14 (-)	CN531	INPUT14 (-)	CN531	INPUT14 (-)	CN531	INPUT14 (-)	CN531
10	AGND14	CN531	AGND14	CN531	AGND14	CN531	AGND14	CN531
11	INPUT15 (+)	CN531	INPUT15 (+)	CN531	INPUT15 (+)	CN531	INPUT15 (+)	CN531
12	INPUT15 (-)	CN531	INPUT15 (-)	CN531	INPUT15 (-)	CN531	INPUT15 (-)	CN531
13	AGND15	CN531	AGND15	CN531	AGND15	CN531	AGND15	CN531
14	INPUT16 (+)	CN531	INPUT16 (+)	CN531	INPUT16 (+)	CN531	INPUT16 (+)	CN531
15	INPUT16 (-)	CN531	INPUT16 (-)	CN531	INPUT16 (-)	CN531	INPUT16 (-)	CN531
16	AGND16	CN531	AGND16	CN531	AGND16	CN531	AGND16	CN531
17	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560
18	N-ADABUS23	CN549					N-ADABUS22	CN549
19	N-ADABUS21	CN549					N-ADABUS20	CN549
20	N-ADABUS19	CN549					N-ADABUS18	CN549
21	N-ADABUS17	CN549					N-ADABUS16	CN549
22	N-ADABUS15	CN549					N-ADABUS14	CN549
23	N-ADABUS13	CN549					N-ADABUS12	CN549
24	N-ADABUS11	CN549					N-ADABUS10	CN549
25	N-ADABUS9	CN549					N-ADABUS8	CN549
26	N-ADABUS7	CN549	N-ADABUS3	CN549	N-ADABUS2	CN549	N-ADABUS6	CN549
27	N-ADABUS5	CN549	N-ADABUS1	CN549	N-ADABUS0	CN549	N-ADABUS4	CN549
28	RG-ADA1	CN549	RG-ADA1	CN549	RG-ADA1	CN549	RG-ADA1	CN549
29	N-ADAEMP	CN549					RG-ADA1	CN549
30	N-IN/REP*	CN549					RG-ADA1	CN549
31	+5V	BUS_BAR (A)	+5V	BUS_BAR (A)	+5V	BUS_BAR (A)	+5V	BUS_BAR (A)
32	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560

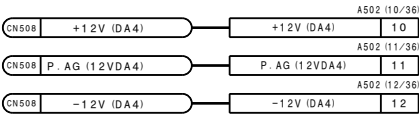


CN531 12P LINE IN CH13-16

PIN	SIGNAL	FROM/TO
1	AGND16	CN507
2	INPUT16 (-)	CN507
3	INPUT16 (+)	CN507
4	AGND15	CN507
5	INPUT15 (-)	CN507
6	INPUT15 (+)	CN507
7	AGND14	CN507
8	INPUT14 (-)	CN507
9	INPUT14 (+)	CN507
10	AGND13	CN507
11	INPUT13 (-)	CN507
12	INPUT13 (+)	CN507

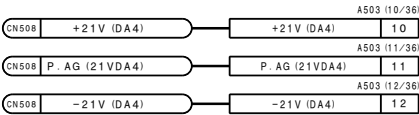
3

DAD-4								
CN508								
PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560
2	NC: B1D0	CN560					NC: B1D1	CN560
3	P. DG (5V): B1D2	CN560						
4	PMUTE*	CN549					RG-MC	CN549
5	RESET2*	CN549	RG-MC	CN549	16B/24B*	CN549	RG-16/24*	CN549
6	RG-CTK24	CN550	RG-CTK24	CN550	RG-CTK24	CN550	RG-CTK24	CN550
7	WSYNC*A (+)	CN550					WSYNC*A (-)	CN550
8	192FSA (+)	CN550					192FSA (-)	CN550
9	256FSA (+)	CN550					256FSA (-)	CN550
10	256FSDAD (+)	CN550					256FSDAD (-)	CN550
11	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560
12	AGND (DA41)		AGND (DA41)		AGND (DA41)		AGND (DA41)	
13	AGND13	CN532	AGND13	CN532	AGND13	CN532	AGND13	CN532
14	OUTPUT13 (-)	CN532	OUTPUT13 (-)	CN532	OUTPUT13 (-)	CN532	OUTPUT13 (-)	CN532
15	OUTPUT13 (+)	CN532	OUTPUT13 (+)	CN532	OUTPUT13 (+)	CN532	OUTPUT13 (+)	CN532
16	AGND14	CN532	AGND14	CN532	AGND14	CN532	AGND14	CN532
17	OUTPUT14 (-)	CN532	OUTPUT14 (-)	CN532	OUTPUT14 (-)	CN532	OUTPUT14 (-)	CN532
18	OUTPUT14 (+)	CN532	OUTPUT14 (+)	CN532	OUTPUT14 (+)	CN532	OUTPUT14 (+)	CN532
19	AGND15	CN532	AGND15	CN532	AGND15	CN532	AGND15	CN532
20	OUTPUT15 (-)	CN532	OUTPUT15 (-)	CN532	OUTPUT15 (-)	CN532	OUTPUT15 (-)	CN532
21	OUTPUT15 (+)	CN532	OUTPUT15 (+)	CN532	OUTPUT15 (+)	CN532	OUTPUT15 (+)	CN532
22	AGND16	CN532	AGND16	CN532	AGND16	CN532	AGND16	CN532
23	OUTPUT16 (-)	CN532	OUTPUT16 (-)	CN532	OUTPUT16 (-)	CN532	OUTPUT16 (-)	CN532
24	OUTPUT16 (+)	CN532	OUTPUT16 (+)	CN532	OUTPUT16 (+)	CN532	OUTPUT16 (+)	CN532
25	AGND (DA4)		AGND (DA4)		AGND (DA4)		AGND (DA4)	
26	+12V (DA4)	A502	+12V (DA4)	A502	+12V (DA4)	A502	+12V (DA4)	A502
27	-12V (DA4)	A502	-12V (DA4)	A502	-12V (DA4)	A502	-12V (DA4)	A502
28	P. AG (12VDA4)	A502	P. AG (12VDA4)	A502	P. AG (12VDA4)	A502	P. AG (12VDA4)	A502
29	-21V (DA4)	A503	-21V (DA4)	A503	-21V (DA4)	A503	-21V (DA4)	A503
30	+21V (DA4)	A503	+21V (DA4)	A503	+21V (DA4)	A503	+21V (DA4)	A503
31	P. AG (21VDA4)	A503	P. AG (21VDA4)	A503	P. AG (21VDA4)	A503	P. AG (21VDA4)	A503
32	FGND	CN561	P. AG (21VDA4)	A503	P. AG (21VDA4)	A503	P. AG (21VDA4)	A503



CN532 12P LINE OUT CH13-16

PIN	SIGNAL	FROM/TO
1	OUTPUT16 (+)	CN508
2	OUTPUT16 (-)	CN508
3	AGND16	CN508
4	OUTPUT15 (+)	CN508
5	OUTPUT15 (-)	CN508
6	AGND15	CN508
7	OUTPUT14 (+)	CN508
8	OUTPUT14 (-)	CN508
9	AGND14	CN508
10	OUTPUT13 (+)	CN508
11	OUTPUT13 (-)	CN508
12	AGND13	CN508



A501, 502, 503: BUS BAR (TRIPLE LAYER)

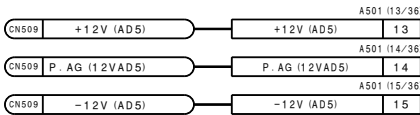
5

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

CN509

DAD-5

PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	P. AG (12VAD5)	A501	P. AG (12VAD5)	A501	P. AG (12VAD5)	A501	P. AG (12VAD5)	A501
2	-12V (AD5)	A501	-12V (AD5)	A501	-12V (AD5)	A501	-12V (AD5)	A501
3	+12V (AD5)	A501	+12V (AD5)	A501	+12V (AD5)	A501	+12V (AD5)	A501
4	AGND (AD5)		AGND (AD5)		AGND (AD5)		AGND (AD5)	
5	INPUT17 (+)	CN533	INPUT17 (+)	CN533	INPUT17 (+)	CN533	INPUT17 (+)	CN533
6	INPUT17 (-)	CN533	INPUT17 (-)	CN533	INPUT17 (-)	CN533	INPUT17 (-)	CN533
7	AGND17	CN533	AGND17	CN533	AGND17	CN533	AGND17	CN533
8	INPUT18 (+)	CN533	INPUT18 (+)	CN533	INPUT18 (+)	CN533	INPUT18 (+)	CN533
9	INPUT18 (-)	CN533	INPUT18 (-)	CN533	INPUT18 (-)	CN533	INPUT18 (-)	CN533
10	AGND18	CN533	AGND18	CN533	AGND18	CN533	AGND18	CN533
11	INPUT19 (+)	CN533	INPUT19 (+)	CN533	INPUT19 (+)	CN533	INPUT19 (+)	CN533
12	INPUT19 (-)	CN533	INPUT19 (-)	CN533	INPUT19 (-)	CN533	INPUT19 (-)	CN533
13	AGND19	CN533	AGND19	CN533	AGND19	CN533	AGND19	CN533
14	INPUT20 (+)	CN533	INPUT20 (+)	CN533	INPUT20 (+)	CN533	INPUT20 (+)	CN533
15	INPUT20 (-)	CN533	INPUT20 (-)	CN533	INPUT20 (-)	CN533	INPUT20 (-)	CN533
16	AGND20	CN533	AGND20	CN533	AGND20	CN533	AGND20	CN533
17	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560
18	N-ADABUS23	CN549					N-ADABUS22	CN549
19	N-ADABUS21	CN549					N-ADABUS20	CN549
20	N-ADABUS19	CN549					N-ADABUS18	CN549
21	N-ADABUS17	CN549					N-ADABUS16	CN549
22	N-ADABUS15	CN549					N-ADABUS14	CN549
23	N-ADABUS13	CN549					N-ADABUS12	CN549
24	N-ADABUS11	CN549					N-ADABUS10	CN549
25	N-ADABUS9	CN549					N-ADABUS8	CN549
26	N-ADABUS7	CN549	N-ADABUS3	CN549	N-ADABUS2	CN549	N-ADABUS6	CN549
27	N-ADABUS5	CN549	N-ADABUS1	CN549	N-ADABUS0	CN549	N-ADABUS4	CN549
28	RG-ADA1	CN549	RG-ADA1	CN549	RG-ADA1	CN549	RG-ADA1	CN549
29	N-ADAEMP	CN549					RG-ADA1	CN549
30	N-IN/REP*	CN549					RG-ADA1	CN549
31	+5V	BUS BAR (A)	+5V	BUS BAR (A)	+5V	BUS BAR (A)	+5V	BUS BAR (A)
32	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560



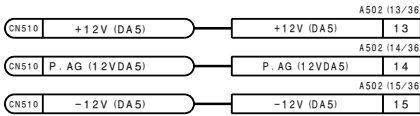
CN533 12P LINE IN CH17-20

PIN	SIGNAL	FROM/TO
1	AGND20	CN509
2	INPUT20 (-)	CN509
3	INPUT20 (+)	CN509
4	AGND19	CN509
5	INPUT19 (-)	CN509
6	INPUT19 (+)	CN509
7	AGND18	CN509
8	INPUT18 (-)	CN509
9	INPUT18 (+)	CN509
10	AGND17	CN509
11	INPUT17 (-)	CN509
12	INPUT17 (+)	CN509

CN510

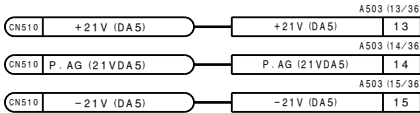
DAD-5

PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560
2	P. DG (5V) : B1D0	CN560					P. DG (5V) : B1D1	CN560
3	NC : B1D2	CN560						
4	PMUTE*	CN549					RG-MC	CN549
5	RESET2*	CN549	RG-MC	CN549	16B/24B*	CN549	RG-16/24*	CN549
6	RG-CTK24	CN550	RG-CTK24	CN550	RG-CTK24	CN550	RG-CTK24	CN550
7	WSYNC*A (+)	CN550					WSYNC*A (-)	CN550
8	192FSA (+)	CN550					192FSA (-)	CN550
9	256FSA (+)	CN550					256FSA (-)	CN550
10	256FSDAD (+)	CN550					256FSDAD (-)	CN550
11	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560
12	AGND (DA51)		AGND (DA51)		AGND (DA51)		AGND (DA51)	
13	AGND17	CN534	AGND17	CN534	AGND17	CN534	AGND17	CN534
14	OUTPUT17 (-)	CN534	OUTPUT17 (-)	CN534	OUTPUT17 (-)	CN534	OUTPUT17 (-)	CN534
15	OUTPUT17 (+)	CN534	OUTPUT17 (+)	CN534	OUTPUT17 (+)	CN534	OUTPUT17 (+)	CN534
16	AGND18	CN534	AGND18	CN534	AGND18	CN534	AGND18	CN534
17	OUTPUT18 (-)	CN534	OUTPUT18 (-)	CN534	OUTPUT18 (-)	CN534	OUTPUT18 (-)	CN534
18	OUTPUT18 (+)	CN534	OUTPUT18 (+)	CN534	OUTPUT18 (+)	CN534	OUTPUT18 (+)	CN534
19	AGND19	CN534	AGND19	CN534	AGND19	CN534	AGND19	CN534
20	OUTPUT19 (-)	CN534	OUTPUT19 (-)	CN534	OUTPUT19 (-)	CN534	OUTPUT19 (-)	CN534
21	OUTPUT19 (+)	CN534	OUTPUT19 (+)	CN534	OUTPUT19 (+)	CN534	OUTPUT19 (+)	CN534
22	AGND20	CN534	AGND20	CN534	AGND20	CN534	AGND20	CN534
23	OUTPUT20 (-)	CN534	OUTPUT20 (-)	CN534	OUTPUT20 (-)	CN534	OUTPUT20 (-)	CN534
24	OUTPUT20 (+)	CN534	OUTPUT20 (+)	CN534	OUTPUT20 (+)	CN534	OUTPUT20 (+)	CN534
25	AGND (DA5)		AGND (DA5)		AGND (DA5)		AGND (DA5)	
26	+12V (DA5)	A502	+12V (DA5)	A502	+12V (DA5)	A502	+12V (DA5)	A502
27	-12V (DA5)	A502	-12V (DA5)	A502	-12V (DA5)	A502	-12V (DA5)	A502
28	P. AG (12VDA5)	A502	P. AG (12VDA5)	A502	P. AG (12VDA5)	A502	P. AG (12VDA5)	A502
29	-21V (DA5)	A503	-21V (DA5)	A503	-21V (DA5)	A503	-21V (DA5)	A503
30	+21V (DA5)	A503	+21V (DA5)	A503	+21V (DA5)	A503	+21V (DA5)	A503
31	P. AG (21VDA5)	A503	P. AG (21VDA5)	A503	P. AG (21VDA5)	A503	P. AG (21VDA5)	A503
32	FGND	CN561	P. AG (21VDA5)	A503	P. AG (21VDA5)	A503	P. AG (21VDA5)	A503



CN534 12P LINE OUT CH17-20

PIN	SIGNAL	FROM/TO
1	OUTPUT20 (+)	CN510
2	OUTPUT20 (-)	CN510
3	AGND20	CN510
4	OUTPUT19 (+)	CN510
5	OUTPUT19 (-)	CN510
6	AGND19	CN510
7	OUTPUT18 (+)	CN510
8	OUTPUT18 (-)	CN510
9	AGND18	CN510
10	OUTPUT17 (+)	CN510
11	OUTPUT17 (-)	CN510
12	AGND17	CN510

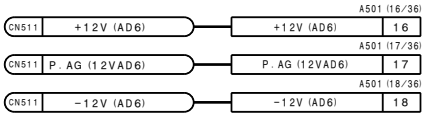


A501, 502, 503 : BUS BAR (TRIPLE LAYER)



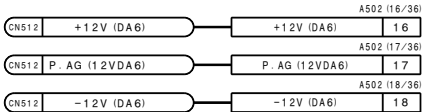
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

DAD-6								
CN511								
PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	P. AG (12VAD6)	A501	P. AG (12VAD6)	A501	P. AG (12VAD6)	A501	P. AG (12VAD6)	A501
2	-12V (AD6)	A501	-12V (AD6)	A501	-12V (AD6)	A501	-12V (AD6)	A501
3	+12V (AD6)	A501	+12V (AD6)	A501	+12V (AD6)	A501	+12V (AD6)	A501
4	AGND (AD6)		AGND (AD6)		AGND (AD6)		AGND (AD6)	
5	INPUT21 (+)	CN535	INPUT21 (+)	CN535	INPUT21 (+)	CN535	INPUT21 (+)	CN535
6	INPUT21 (-)	CN535	INPUT21 (-)	CN535	INPUT21 (-)	CN535	INPUT21 (-)	CN535
7	AGND21	CN535	AGND21	CN535	AGND21	CN535	AGND21	CN535
8	INPUT22 (+)	CN535	INPUT22 (+)	CN535	INPUT22 (+)	CN535	INPUT22 (+)	CN535
9	INPUT22 (-)	CN535	INPUT22 (-)	CN535	INPUT22 (-)	CN535	INPUT22 (-)	CN535
10	AGND22	CN535	AGND22	CN535	AGND22	CN535	AGND22	CN535
11	INPUT23 (+)	CN535	INPUT23 (+)	CN535	INPUT23 (+)	CN535	INPUT23 (+)	CN535
12	INPUT23 (-)	CN535	INPUT23 (-)	CN535	INPUT23 (-)	CN535	INPUT23 (-)	CN535
13	AGND23	CN535	AGND23	CN535	AGND23	CN535	AGND23	CN535
14	INPUT24 (+)	CN535	INPUT24 (+)	CN535	INPUT24 (+)	CN535	INPUT24 (+)	CN535
15	INPUT24 (-)	CN535	INPUT24 (-)	CN535	INPUT24 (-)	CN535	INPUT24 (-)	CN535
16	AGND24	CN535	AGND24	CN535	AGND24	CN535	AGND24	CN535
17	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560
18	N-ADABUS23	CN549					N-ADABUS22	CN549
19	N-ADABUS21	CN549					N-ADABUS20	CN549
20	N-ADABUS19	CN549					N-ADABUS18	CN549
21	N-ADABUS17	CN549					N-ADABUS16	CN549
22	N-ADABUS15	CN549					N-ADABUS14	CN549
23	N-ADABUS13	CN549					N-ADABUS12	CN549
24	N-ADABUS11	CN549					N-ADABUS10	CN549
25	N-ADABUS9	CN549					N-ADABUS8	CN549
26	N-ADABUS7	CN549	N-ADABUS3	CN549	N-ADABUS2	CN549	N-ADABUS6	CN549
27	N-ADABUS5	CN549	N-ADABUS1	CN549	N-ADABUS0	CN549	N-ADABUS4	CN549
28	RG-ADA1	CN549	RG-ADA1	CN549	RG-ADA1	CN549	RG-ADA1	CN549
29	N-ADAEMP	CN549					RG-ADA1	CN549
30	N-IN/REP*	CN549					RG-ADA1	CN549
31	+5V	BUS BAR (A)	+5V	BUS BAR (A)	+5V	BUS BAR (A)	+5V	BUS BAR (A)
32	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560

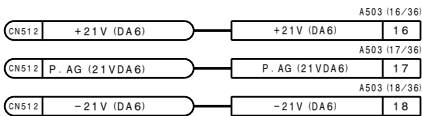


LINE IN CH21-24		
PIN	SIGNAL	FROM/TO
1	AGND24	CN511
2	INPUT24 (-)	CN511
3	INPUT24 (+)	CN511
4	AGND23	CN511
5	INPUT23 (-)	CN511
6	INPUT23 (+)	CN511
7	AGND22	CN511
8	INPUT22 (-)	CN511
9	INPUT22 (+)	CN511
10	AGND21	CN511
11	INPUT21 (-)	CN511
12	INPUT21 (+)	CN511

DAD-6								
CN512								
PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560
2	NC:B1D0	CN560					P. DG (5V):B1D1	CN560
3	NC:B1D2	CN560						
4	PMUTE*	CN549					RG-MC	CN549
5	RESET2*	CN549	RG-MC	CN549	16B/24B*	CN549	RG-16/24*	CN549
6	RG-CTK24	CN550	RG-CTK24	CN550	RG-CTK24	CN550	RG-CTK24	CN550
7	WSYNC*A (+)	CN550					WSYNC*A (-)	CN550
8	192FSA (+)	CN550					192FSA (-)	CN550
9	256FSA (+)	CN550					256FSA (-)	CN550
10	256FSDAD (+)	CN550					256FSDAD (-)	CN550
11	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560
12	AGND (DA61)		AGND (DA61)		AGND (DA61)		AGND (DA61)	
13	AGND21	CN536	AGND21	CN536	AGND21	CN536	AGND21	CN536
14	OUTPUT21 (-)	CN536	OUTPUT21 (-)	CN536	OUTPUT21 (-)	CN536	OUTPUT21 (-)	CN536
15	OUTPUT21 (+)	CN536	OUTPUT21 (+)	CN536	OUTPUT21 (+)	CN536	OUTPUT21 (+)	CN536
16	AGND22	CN536	AGND22	CN536	AGND22	CN536	AGND22	CN536
17	OUTPUT22 (-)	CN536	OUTPUT22 (-)	CN536	OUTPUT22 (-)	CN536	OUTPUT22 (-)	CN536
18	OUTPUT22 (+)	CN536	OUTPUT22 (+)	CN536	OUTPUT22 (+)	CN536	OUTPUT22 (+)	CN536
19	AGND23	CN536	AGND23	CN536	AGND23	CN536	AGND23	CN536
20	OUTPUT23 (-)	CN536	OUTPUT23 (-)	CN536	OUTPUT23 (-)	CN536	OUTPUT23 (-)	CN536
21	OUTPUT23 (+)	CN536	OUTPUT23 (+)	CN536	OUTPUT23 (+)	CN536	OUTPUT23 (+)	CN536
22	AGND24	CN536	AGND24	CN536	AGND24	CN536	AGND24	CN536
23	OUTPUT24 (-)	CN536	OUTPUT24 (-)	CN536	OUTPUT24 (-)	CN536	OUTPUT24 (-)	CN536
24	OUTPUT24 (+)	CN536	OUTPUT24 (+)	CN536	OUTPUT24 (+)	CN536	OUTPUT24 (+)	CN536
25	AGND (DA6)		AGND (DA6)		AGND (DA6)		AGND (DA6)	
26	+12V (DA6)	A502	+12V (DA6)	A502	+12V (DA6)	A502	+12V (DA6)	A502
27	-12V (DA6)	A502	-12V (DA6)	A502	-12V (DA6)	A502	-12V (DA6)	A502
28	P. AG (12VDA6)	A502	P. AG (12VDA6)	A502	P. AG (12VDA6)	A502	P. AG (12VDA6)	A502
29	-21V (DA6)	A503	-21V (DA6)	A503	-21V (DA6)	A503	-21V (DA6)	A503
30	+21V (DA6)	A503	+21V (DA6)	A503	+21V (DA6)	A503	+21V (DA6)	A503
31	P. AG (21VDA6)	A503	P. AG (21VDA6)	A503	P. AG (21VDA6)	A503	P. AG (21VDA6)	A503
32	FGND	CN561	P. AG (21VDA6)	A503	P. AG (21VDA6)	A503	P. AG (21VDA6)	A503



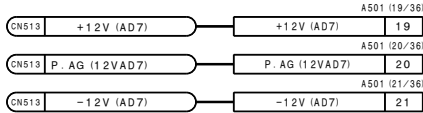
LINE OUT CH21-24		
PIN	SIGNAL	FROM/TO
1	OUTPUT24 (+)	CN512
2	OUTPUT24 (-)	CN512
3	AGND24	CN512
4	OUTPUT23 (+)	CN512
5	OUTPUT23 (-)	CN512
6	AGND23	CN512
7	OUTPUT22 (+)	CN512
8	OUTPUT22 (-)	CN512
9	AGND22	CN512
10	OUTPUT21 (+)	CN512
11	OUTPUT21 (-)	CN512
12	AGND21	CN512



A501, 502, 503: BUS BAR (TRIPLE LAYER)

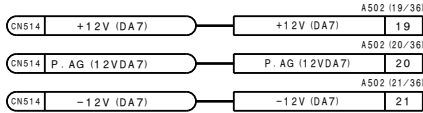
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

DAD-7								
CN513								
PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	P. AG (12VAD7)	A501	P. AG (12VAD7)	A501	P. AG (12VAD7)	A501	P. AG (12VAD7)	A501
2	-12V (AD7)	A501	-12V (AD7)	A501	-12V (AD7)	A501	-12V (AD7)	A501
3	+12V (AD7)	A501	+12V (AD7)	A501	+12V (AD7)	A501	+12V (AD7)	A501
4	AGND (AD7)		AGND (AD7)		AGND (AD7)		AGND (AD7)	
5	INPUT25 (+)	CN537	INPUT25 (+)	CN537	INPUT25 (+)	CN537	INPUT25 (+)	CN537
6	INPUT25 (-)	CN537	INPUT25 (-)	CN537	INPUT25 (-)	CN537	INPUT25 (-)	CN537
7	AGND25	CN537	AGND25	CN537	AGND25	CN537	AGND25	CN537
8	INPUT26 (+)	CN537	INPUT26 (+)	CN537	INPUT26 (+)	CN537	INPUT26 (+)	CN537
9	INPUT26 (-)	CN537	INPUT26 (-)	CN537	INPUT26 (-)	CN537	INPUT26 (-)	CN537
10	AGND26	CN537	AGND26	CN537	AGND26	CN537	AGND26	CN537
11	INPUT27 (+)	CN537	INPUT27 (+)	CN537	INPUT27 (+)	CN537	INPUT27 (+)	CN537
12	INPUT27 (-)	CN537	INPUT27 (-)	CN537	INPUT27 (-)	CN537	INPUT27 (-)	CN537
13	AGND27	CN537	AGND27	CN537	AGND27	CN537	AGND27	CN537
14	INPUT28 (+)	CN537	INPUT28 (+)	CN537	INPUT28 (+)	CN537	INPUT28 (+)	CN537
15	INPUT28 (-)	CN537	INPUT28 (-)	CN537	INPUT28 (-)	CN537	INPUT28 (-)	CN537
16	AGND28	CN537	AGND28	CN537	AGND28	CN537	AGND28	CN537
17	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560
18	D-ADABUS23	CN550					D-ADABUS22	CN550
19	D-ADABUS21	CN550					D-ADABUS20	CN550
20	D-ADABUS19	CN550					D-ADABUS18	CN550
21	D-ADABUS17	CN550					D-ADABUS16	CN550
22	D-ADABUS15	CN550					D-ADABUS14	CN550
23	D-ADABUS13	CN550					D-ADABUS12	CN550
24	D-ADABUS11	CN550					D-ADABUS10	CN550
25	D-ADABUS9	CN550					D-ADABUS8	CN550
26	D-ADABUS7	CN550	D-ADABUS3	CN550	D-ADABUS2	CN550	D-ADABUS6	CN550
27	D-ADABUS5	CN550	D-ADABUS1	CN550	D-ADABUS0	CN550	D-ADABUS4	CN550
28	RG-ADA2	CN550	RG-ADA2	CN550	RG-ADA2	CN550	RG-ADA2	CN550
29	D-ADAEMP	CN550					RG-ADA2	CN550
30	D-IN/REP*	CN550					RG-ADA2	CN550
31	+5V	BUS BAR (A)	+5V	BUS BAR (A)	+5V	BUS BAR (A)	+5V	BUS BAR (A)
32	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560

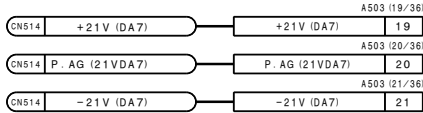


LINE IN CH25-28		
PIN	SIGNAL	FROM/TO
1	AGND28	CN513
2	INPUT28 (-)	CN513
3	INPUT28 (+)	CN513
4	AGND27	CN513
5	INPUT27 (-)	CN513
6	INPUT27 (+)	CN513
7	AGND26	CN513
8	INPUT26 (-)	CN513
9	INPUT26 (+)	CN513
10	AGND25	CN513
11	INPUT25 (-)	CN513
12	INPUT25 (+)	CN513

DAD-7								
CN514								
PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560
2	P. DG (5V) : B1D0	CN560					P. DG (5V) : B1D1	CN560
3	P. DG (5V) : B1D2	CN560						
4	PMUTE*	CN549					RG-MC	CN549
5	RESET2*	CN549	RG-MC	CN549	16B/24B*	CN549	RG-16/24*	CN549
6	RG-CTK24	CN550	RG-CTK24	CN550	RG-CTK24	CN550	RG-CTK24	CN550
7	WSYNC*A (+)	CN550					WSYNC*A (-)	CN550
8	192FSA (+)	CN550					192FSA (-)	CN550
9	256FSA (+)	CN550					256FSA (-)	CN550
10	256FSDAD (+)	CN550					256FSDAD (-)	CN550
11	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560
12	AGND (DA71)		AGND (DA71)		AGND (DA71)		AGND (DA71)	
13	AGND25	CN538	AGND25	CN538	AGND25	CN538	AGND25	CN538
14	OUTPUT25 (-)	CN538	OUTPUT25 (-)	CN538	OUTPUT25 (-)	CN538	OUTPUT25 (-)	CN538
15	OUTPUT25 (+)	CN538	OUTPUT25 (+)	CN538	OUTPUT25 (+)	CN538	OUTPUT25 (+)	CN538
16	AGND26	CN538	AGND26	CN538	AGND26	CN538	AGND26	CN538
17	OUTPUT26 (-)	CN538	OUTPUT26 (-)	CN538	OUTPUT26 (-)	CN538	OUTPUT26 (-)	CN538
18	OUTPUT26 (+)	CN538	OUTPUT26 (+)	CN538	OUTPUT26 (+)	CN538	OUTPUT26 (+)	CN538
19	AGND27	CN538	AGND27	CN538	AGND27	CN538	AGND27	CN538
20	OUTPUT27 (-)	CN538	OUTPUT27 (-)	CN538	OUTPUT27 (-)	CN538	OUTPUT27 (-)	CN538
21	OUTPUT27 (+)	CN538	OUTPUT27 (+)	CN538	OUTPUT27 (+)	CN538	OUTPUT27 (+)	CN538
22	AGND28	CN538	AGND28	CN538	AGND28	CN538	AGND28	CN538
23	OUTPUT28 (-)	CN538	OUTPUT28 (-)	CN538	OUTPUT28 (-)	CN538	OUTPUT28 (-)	CN538
24	OUTPUT28 (+)	CN538	OUTPUT28 (+)	CN538	OUTPUT28 (+)	CN538	OUTPUT28 (+)	CN538
25	AGND (DA7)		AGND (DA7)		AGND (DA7)		AGND (DA7)	
26	+12V (DA7)	A502	+12V (DA7)	A502	+12V (DA7)	A502	+12V (DA7)	A502
27	-12V (DA7)	A502	-12V (DA7)	A502	-12V (DA7)	A502	-12V (DA7)	A502
28	P. AG (12VDA7)	A502	P. AG (12VDA7)	A502	P. AG (12VDA7)	A502	P. AG (12VDA7)	A502
29	-21V (DA7)	A503	-21V (DA7)	A503	-21V (DA7)	A503	-21V (DA7)	A503
30	+21V (DA7)	A503	+21V (DA7)	A503	+21V (DA7)	A503	+21V (DA7)	A503
31	P. AG (21VDA7)	A503	P. AG (21VDA7)	A503	P. AG (21VDA7)	A503	P. AG (21VDA7)	A503
32	FGND	CN561	P. AG (21VDA7)	A503	P. AG (21VDA7)	A503	P. AG (21VDA7)	A503



LINE OUT CH25-28		
PIN	SIGNAL	FROM/TO
1	OUTPUT28 (+)	CN514
2	OUTPUT28 (-)	CN514
3	AGND28	CN514
4	OUTPUT27 (+)	CN514
5	OUTPUT27 (-)	CN514
6	AGND27	CN514
7	OUTPUT26 (+)	CN514
8	OUTPUT26 (-)	CN514
9	AGND26	CN514
10	OUTPUT25 (+)	CN514
11	OUTPUT25 (-)	CN514
12	AGND25	CN514



A501, 502, 503: BUS BAR (TRIPLE LAYER)

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

1

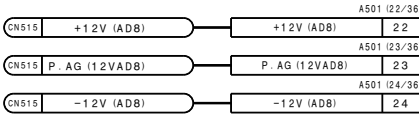
2

3

4

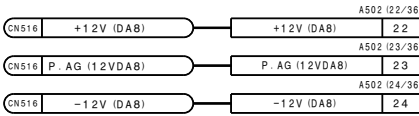
5

CN515								
DAD-8								
PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	P. AG (12VAD8)	A501	P. AG (12VAD8)	A501	P. AG (12VAD8)	A501	P. AG (12VAD8)	A501
2	-12V (AD8)	A501	-12V (AD8)	A501	-12V (AD8)	A501	-12V (AD8)	A501
3	+12V (AD8)	A501	+12V (AD8)	A501	+12V (AD8)	A501	+12V (AD8)	A501
4	AGND (AD8)		AGND (AD8)		AGND (AD8)		AGND (AD8)	
5	INPUT29 (+)	CN539	INPUT29 (+)	CN539	INPUT29 (+)	CN539	INPUT29 (+)	CN539
6	INPUT29 (-)	CN539	INPUT29 (-)	CN539	INPUT29 (-)	CN539	INPUT29 (-)	CN539
7	AGND29	CN539	AGND29	CN539	AGND29	CN539	AGND29	CN539
8	INPUT30 (+)	CN539	INPUT30 (+)	CN539	INPUT30 (+)	CN539	INPUT30 (+)	CN539
9	INPUT30 (-)	CN539	INPUT30 (-)	CN539	INPUT30 (-)	CN539	INPUT30 (-)	CN539
10	AGND30	CN539	AGND30	CN539	AGND30	CN539	AGND30	CN539
11	INPUT31 (+)	CN539	INPUT31 (+)	CN539	INPUT31 (+)	CN539	INPUT31 (+)	CN539
12	INPUT31 (-)	CN539	INPUT31 (-)	CN539	INPUT31 (-)	CN539	INPUT31 (-)	CN539
13	AGND31	CN539	AGND31	CN539	AGND31	CN539	AGND31	CN539
14	INPUT32 (+)	CN539	INPUT32 (+)	CN539	INPUT32 (+)	CN539	INPUT32 (+)	CN539
15	INPUT32 (-)	CN539	INPUT32 (-)	CN539	INPUT32 (-)	CN539	INPUT32 (-)	CN539
16	AGND32	CN539	AGND32	CN539	AGND32	CN539	AGND32	CN539
17	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560
18	D-ADABUS23	CN550					D-ADABUS22	CN550
19	D-ADABUS21	CN550					D-ADABUS20	CN550
20	D-ADABUS19	CN550					D-ADABUS18	CN550
21	D-ADABUS17	CN550					D-ADABUS16	CN550
22	D-ADABUS15	CN550					D-ADABUS14	CN550
23	D-ADABUS13	CN550					D-ADABUS12	CN550
24	D-ADABUS11	CN550					D-ADABUS10	CN550
25	D-ADABUS9	CN550					D-ADABUS8	CN550
26	D-ADABUS7	CN550	D-ADABUS3	CN550	D-ADABUS2	CN550	D-ADABUS6	CN550
27	D-ADABUS5	CN550	D-ADABUS1	CN550	D-ADABUS0	CN550	D-ADABUS4	CN550
28	RG-ADA2	CN550	RG-ADA2	CN550	RG-ADA2	CN550	RG-ADA2	CN550
29	D-ADAE MP	CN550					RG-ADA2	CN550
30	D-1N/REP*	CN550					RG-ADA2	CN550
31	+5V	BUS BAR (A)	+5V	BUS BAR (A)	+5V	BUS BAR (A)	+5V	BUS BAR (A)
32	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560

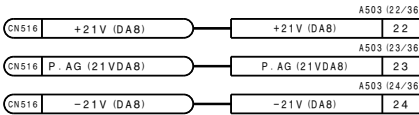


CN539 12P LINE IN CH29-32		
PIN	SIGNAL	FROM/TO
1	AGND32	CN515
2	INPUT32 (-)	CN515
3	INPUT32 (+)	CN515
4	AGND31	CN515
5	INPUT31 (-)	CN515
6	INPUT31 (+)	CN515
7	AGND30	CN515
8	INPUT30 (-)	CN515
9	INPUT30 (+)	CN515
10	AGND29	CN515
11	INPUT29 (-)	CN515
12	INPUT29 (+)	CN515

CN516								
DAD-8								
PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560
2	NC-BID0	CN560					P. DG (5V)-BID1	CN560
3	P. DG (5V)-BID2	CN560						
4	PMUTE*	CN549					RG-MC	CN549
5	RESET2*	CN549	RG-MC	CN549	16B/24B*	CN549	RG-16/24*	CN549
6	RG-CTK24	CN550	RG-CTK24	CN550	RG-CTK24	CN550	RG-CTK24	CN550
7	WSYNC*A (+)	CN550					WSYNC*A (-)	CN550
8	192FSA (+)	CN550					192FSA (-)	CN550
9	256FSA (+)	CN550					256FSA (-)	CN550
10	256FSDAD (+)	CN550					256FSDAD (-)	CN550
11	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560
12	AGND (DA81)		AGND (DA81)		AGND (DA81)		AGND (DA81)	
13	AGND29	CN540	AGND29	CN540	AGND29	CN540	AGND29	CN540
14	OUTPUT29 (-)	CN540	OUTPUT29 (-)	CN540	OUTPUT29 (-)	CN540	OUTPUT29 (-)	CN540
15	OUTPUT29 (+)	CN540	OUTPUT29 (+)	CN540	OUTPUT29 (+)	CN540	OUTPUT29 (+)	CN540
16	AGND30	CN540	AGND30	CN540	AGND30	CN540	AGND30	CN540
17	OUTPUT30 (-)	CN540	OUTPUT30 (-)	CN540	OUTPUT30 (-)	CN540	OUTPUT30 (-)	CN540
18	OUTPUT30 (+)	CN540	OUTPUT30 (+)	CN540	OUTPUT30 (+)	CN540	OUTPUT30 (+)	CN540
19	AGND31	CN540	AGND31	CN540	AGND31	CN540	AGND31	CN540
20	OUTPUT31 (-)	CN540	OUTPUT31 (-)	CN540	OUTPUT31 (-)	CN540	OUTPUT31 (-)	CN540
21	OUTPUT31 (+)	CN540	OUTPUT31 (+)	CN540	OUTPUT31 (+)	CN540	OUTPUT31 (+)	CN540
22	AGND32	CN540	AGND32	CN540	AGND32	CN540	AGND32	CN540
23	OUTPUT32 (-)	CN540	OUTPUT32 (-)	CN540	OUTPUT32 (-)	CN540	OUTPUT32 (-)	CN540
24	OUTPUT32 (+)	CN540	OUTPUT32 (+)	CN540	OUTPUT32 (+)	CN540	OUTPUT32 (+)	CN540
25	AGND (DA8)		AGND (DA8)		AGND (DA8)		AGND (DA8)	
26	+12V (DA8)	A502	+12V (DA8)	A502	+12V (DA8)	A502	+12V (DA8)	A502
27	-12V (DA8)	A502	-12V (DA8)	A502	-12V (DA8)	A502	-12V (DA8)	A502
28	P. AG (12VDA8)	A502	P. AG (12VDA8)	A502	P. AG (12VDA8)	A502	P. AG (12VDA8)	A502
29	-21V (DA8)	A503	-21V (DA8)	A503	-21V (DA8)	A503	-21V (DA8)	A503
30	+21V (DA8)	A503	+21V (DA8)	A503	+21V (DA8)	A503	+21V (DA8)	A503
31	P. AG (21VDA8)	A503	P. AG (21VDA8)	A503	P. AG (21VDA8)	A503	P. AG (21VDA8)	A503
32	FGND	CN561	P. AG (21VDA8)	A503	P. AG (21VDA8)	A503	P. AG (21VDA8)	A503



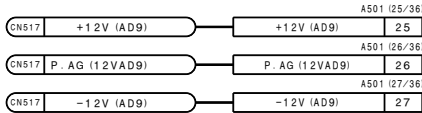
CN540 12P LINE OUT CH29-32		
PIN	SIGNAL	FROM/TO
1	OUTPUT32 (+)	CN516
2	OUTPUT32 (-)	CN516
3	AGND32	CN516
4	OUTPUT31 (+)	CN516
5	OUTPUT31 (-)	CN516
6	AGND31	CN516
7	OUTPUT30 (+)	CN516
8	OUTPUT30 (-)	CN516
9	AGND30	CN516
10	OUTPUT29 (+)	CN516
11	OUTPUT29 (-)	CN516
12	AGND29	CN516



A501, 502, 503: BUS BAR (TRIPLE LAYER)

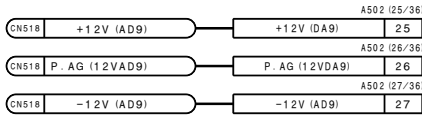
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

DAD-9								
CN517								
PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	P. AG (12VAD9)	A501	P. AG (12VAD9)	A501	P. AG (12VAD9)	A501	P. AG (12VAD9)	A501
2	-12V (AD9)	A501	-12V (AD9)	A501	-12V (AD9)	A501	-12V (AD9)	A501
3	+12V (AD9)	A501	+12V (AD9)	A501	+12V (AD9)	A501	+12V (AD9)	A501
4	AGND (AD9)		AGND (AD9)		AGND (AD9)		AGND (AD9)	
5	INPUT33 (+)	CN541	INPUT33 (+)	CN541	INPUT33 (+)	CN541	INPUT33 (+)	CN541
6	INPUT33 (-)	CN541	INPUT33 (-)	CN541	INPUT33 (-)	CN541	INPUT33 (-)	CN541
7	AGND33	CN541	AGND33	CN541	AGND33	CN541	AGND33	CN541
8	INPUT34 (+)	CN541	INPUT34 (+)	CN541	INPUT34 (+)	CN541	INPUT34 (+)	CN541
9	INPUT34 (-)	CN541	INPUT34 (-)	CN541	INPUT34 (-)	CN541	INPUT34 (-)	CN541
10	AGND34	CN541	AGND34	CN541	AGND34	CN541	AGND34	CN541
11	INPUT35 (+)	CN541	INPUT35 (+)	CN541	INPUT35 (+)	CN541	INPUT35 (+)	CN541
12	INPUT35 (-)	CN541	INPUT35 (-)	CN541	INPUT35 (-)	CN541	INPUT35 (-)	CN541
13	AGND35	CN541	AGND35	CN541	AGND35	CN541	AGND35	CN541
14	INPUT36 (+)	CN541	INPUT36 (+)	CN541	INPUT36 (+)	CN541	INPUT36 (+)	CN541
15	INPUT36 (-)	CN541	INPUT36 (-)	CN541	INPUT36 (-)	CN541	INPUT36 (-)	CN541
16	AGND36	CN541	AGND36	CN541	AGND36	CN541	AGND36	CN541
17	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560
18	D-ADABUS23	CN550					D-ADABUS22	CN550
19	D-ADABUS21	CN550					D-ADABUS20	CN550
20	D-ADABUS19	CN550					D-ADABUS18	CN550
21	D-ADABUS17	CN550					D-ADABUS16	CN550
22	D-ADABUS15	CN550					D-ADABUS14	CN550
23	D-ADABUS13	CN550					D-ADABUS12	CN550
24	D-ADABUS11	CN550					D-ADABUS10	CN550
25	D-ADABUS9	CN550					D-ADABUS8	CN550
26	D-ADABUS7	CN550	D-ADABUS3	CN550	D-ADABUS2	CN550	D-ADABUS6	CN550
27	D-ADABUS5	CN550	D-ADABUS1	CN550	D-ADABUS0	CN550	D-ADABUS4	CN550
28	RG-ADA2	CN550	RG-ADA2	CN550	RG-ADA2	CN550	RG-ADA2	CN550
29	D-ADAEMP	CN550					RG-ADA2	CN550
30	D-IN/REP*	CN550					RG-ADA2	CN550
31	+5V	BUS BAR (A)	+5V	BUS BAR (A)	+5V	BUS BAR (A)	+5V	BUS BAR (A)
32	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560

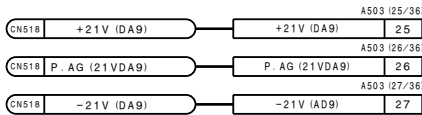


LINE IN CH33-36		
PIN	SIGNAL	FROM/TO
1	AGND36	CN517
2	INPUT36 (-)	CN517
3	INPUT36 (+)	CN517
4	AGND35	CN517
5	INPUT35 (-)	CN517
6	INPUT35 (+)	CN517
7	AGND34	CN517
8	INPUT34 (-)	CN517
9	INPUT34 (+)	CN517
10	AGND33	CN517
11	INPUT33 (-)	CN517
12	INPUT33 (+)	CN517

DAD-9								
CN518								
PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560
2	P. DG (5V) : B1D0	CN560					NC : B1D1	CN560
3	P. DG (5V) : B1D2	CN560						
4	PMUTE*	CN549					RG-MC	CN549
5	RESET2*	CN549	RG-MC	CN549	16B/24B*	CN549	RG-16/24*	CN549
6	RG-CTK24	CN550	RG-CTK24	CN550	RG-CTK24	CN550	RG-CTK24	CN550
7	WSYNC*A (+)	CN550					WSYNC*A (-)	CN550
8	192FSA (+)	CN550					192FSA (-)	CN550
9	256FSA (+)	CN550					256FSA (-)	CN550
10	256FSDAD (+)	CN550					256FSDAD (-)	CN550
11	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560
12	AGND (DA91)		AGND (DA91)		AGND (DA91)		AGND (DA91)	
13	AGND33	CN542	AGND33	CN542	AGND33	CN542	AGND33	CN542
14	OUTPUT33 (-)	CN542	OUTPUT33 (-)	CN542	OUTPUT33 (-)	CN542	OUTPUT33 (-)	CN542
15	OUTPUT33 (+)	CN542	OUTPUT33 (+)	CN542	OUTPUT33 (+)	CN542	OUTPUT33 (+)	CN542
16	AGND34	CN542	AGND34	CN542	AGND34	CN542	AGND34	CN542
17	OUTPUT34 (-)	CN542	OUTPUT34 (-)	CN542	OUTPUT34 (-)	CN542	OUTPUT34 (-)	CN542
18	OUTPUT34 (+)	CN542	OUTPUT34 (+)	CN542	OUTPUT34 (+)	CN542	OUTPUT34 (+)	CN542
19	AGND35	CN542	AGND35	CN542	AGND35	CN542	AGND35	CN542
20	OUTPUT35 (-)	CN542	OUTPUT35 (-)	CN542	OUTPUT35 (-)	CN542	OUTPUT35 (-)	CN542
21	OUTPUT35 (+)	CN542	OUTPUT35 (+)	CN542	OUTPUT35 (+)	CN542	OUTPUT35 (+)	CN542
22	AGND36	CN542	AGND36	CN542	AGND36	CN542	AGND36	CN542
23	OUTPUT36 (-)	CN542	OUTPUT36 (-)	CN542	OUTPUT36 (-)	CN542	OUTPUT36 (-)	CN542
24	OUTPUT36 (+)	CN542	OUTPUT36 (+)	CN542	OUTPUT36 (+)	CN542	OUTPUT36 (+)	CN542
25	AGND (DA9)		AGND (DA9)		AGND (DA9)		AGND (DA9)	
26	+12V (DA9)	A502	+12V (DA9)	A502	+12V (DA9)	A502	+12V (DA9)	A502
27	-12V (DA9)	A502	-12V (DA9)	A502	-12V (DA9)	A502	-12V (DA9)	A502
28	P. AG (12VDA9)	A502	P. AG (12VDA9)	A502	P. AG (12VDA9)	A502	P. AG (12VDA9)	A502
29	-21V (DA9)	A503	-21V (DA9)	A503	-21V (DA9)	A503	-21V (DA9)	A503
30	+21V (DA9)	A503	+21V (DA9)	A503	+21V (DA9)	A503	+21V (DA9)	A503
31	P. AG (21VDA9)	A503	P. AG (21VDA9)	A503	P. AG (21VDA9)	A503	P. AG (21VDA9)	A503
32	FGND	CN561	P. AG (21VDA9)	A503	P. AG (21VDA9)	A503	P. AG (21VDA9)	A503



LINE OUT CH33-36		
PIN	SIGNAL	FROM/TO
1	OUTPUT36 (+)	CN518
2	OUTPUT36 (-)	CN518
3	AGND36	CN518
4	OUTPUT35 (+)	CN518
5	OUTPUT35 (-)	CN518
6	AGND35	CN518
7	OUTPUT34 (+)	CN518
8	OUTPUT34 (-)	CN518
9	AGND34	CN518
10	OUTPUT33 (+)	CN518
11	OUTPUT33 (-)	CN518
12	AGND33	CN518

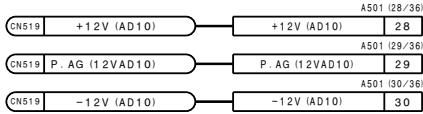


A501, 502, 503: BUS BAR (TRIPLE LAYER)

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

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CN519DAD-10								
PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	P. AG (12VAD10)	A501	P. AG (12VAD10)	A501	P. AG (12VAD10)	A501	P. AG (12VAD10)	A501
2	-12V (AD10)	A501	-12V (AD10)	A501	-12V (AD10)	A501	-12V (AD10)	A501
3	+12V (AD10)	A501	+12V (AD10)	A501	+12V (AD10)	A501	+12V (AD10)	A501
4	AGND (AD10)		AGND (AD10)		AGND (AD10)		AGND (AD10)	
5	INPUT37 (+)	CN543	INPUT37 (+)	CN543	INPUT37 (+)	CN543	INPUT37 (+)	CN543
6	INPUT37 (-)	CN543	INPUT37 (-)	CN543	INPUT37 (-)	CN543	INPUT37 (-)	CN543
7	AGND37	CN543	AGND37	CN543	AGND37	CN543	AGND37	CN543
8	INPUT38 (+)	CN543	INPUT38 (+)	CN543	INPUT38 (+)	CN543	INPUT38 (+)	CN543
9	INPUT38 (-)	CN543	INPUT38 (-)	CN543	INPUT38 (-)	CN543	INPUT38 (-)	CN543
10	AGND38	CN543	AGND38	CN543	AGND38	CN543	AGND38	CN543
11	INPUT39 (+)	CN543	INPUT39 (+)	CN543	INPUT39 (+)	CN543	INPUT39 (+)	CN543
12	INPUT39 (-)	CN543	INPUT39 (-)	CN543	INPUT39 (-)	CN543	INPUT39 (-)	CN543
13	AGND39	CN543	AGND39	CN543	AGND39	CN543	AGND39	CN543
14	INPUT40 (+)	CN543	INPUT40 (+)	CN543	INPUT40 (+)	CN543	INPUT40 (+)	CN543
15	INPUT40 (-)	CN543	INPUT40 (-)	CN543	INPUT40 (-)	CN543	INPUT40 (-)	CN543
16	AGND40	CN543	AGND40	CN543	AGND40	CN543	AGND40	CN543
17	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560
18	D-ADABUS23	CN550					D-ADABUS22	CN550
19	D-ADABUS21	CN550					D-ADABUS20	CN550
20	D-ADABUS19	CN550					D-ADABUS18	CN550
21	D-ADABUS17	CN550					D-ADABUS16	CN550
22	D-ADABUS15	CN550					D-ADABUS14	CN550
23	D-ADABUS13	CN550					D-ADABUS12	CN550
24	D-ADABUS11	CN550					D-ADABUS10	CN550
25	D-ADABUS9	CN550					D-ADABUS8	CN550
26	D-ADABUS7	CN550	D-ADABUS3	CN550	D-ADABUS2	CN550	D-ADABUS6	CN550
27	D-ADABUS5	CN550	D-ADABUS1	CN550	D-ADABUS0	CN550	D-ADABUS4	CN550
28	RG-ADA2	CN550	RG-ADA2	CN550	RG-ADA2	CN550	RG-ADA2	CN550
29	D-ADAEMP	CN550					RG-ADA2	CN550
30	D-IN/REP*	CN550					RG-ADA2	CN550
31	+5V	BUS BAR (A)	+5V	BUS BAR (A)	+5V	BUS BAR (A)	+5V	BUS BAR (A)
32	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560

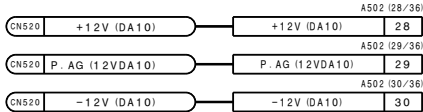


CN543 12P LINE IN CH37-40		
PIN	SIGNAL	FROM/TO
1	AGND40	CN519
2	INPUT40 (-)	CN519
3	INPUT40 (+)	CN519
4	AGND39	CN519
5	INPUT39 (-)	CN519
6	INPUT39 (+)	CN519
7	AGND38	CN519
8	INPUT38 (-)	CN519
9	INPUT38 (+)	CN519
10	AGND37	CN519
11	INPUT37 (-)	CN519
12	INPUT37 (+)	CN519

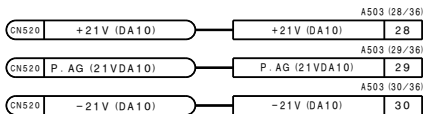
2

3

CN520DAD-10								
PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560
2	NC:B1D0	CN560					NC:B1D1	CN560
3	P. DG (5V):B1D2	CN560						
4	PMUTE*	CN549					RG-MC	CN549
5	RESET2*	CN549	RG-MC	CN549	16B/24B*	CN549	RG-16/24*	CN549
6	RG-CTK24	CN550	RG-CTK24	CN550	RG-CTK24	CN550	RG-CTK24	CN550
7	WSYNC+A (+)	CN550					WSYNC+A (-)	CN550
8	192FSA (+)	CN550					192FSA (-)	CN550
9	256FSA (+)	CN550					256FSA (-)	CN550
10	256FSDAD (+)	CN550					256FSDAD (-)	CN550
11	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560
12	AGND (DA101)		AGND (DA101)		AGND (DA101)		AGND (DA101)	
13	AGND37	CN544	AGND37	CN544	AGND37	CN544	AGND37	CN544
14	OUTPUT37 (-)	CN544	OUTPUT37 (-)	CN544	OUTPUT37 (-)	CN544	OUTPUT37 (-)	CN544
15	OUTPUT37 (+)	CN544	OUTPUT37 (+)	CN544	OUTPUT37 (+)	CN544	OUTPUT37 (+)	CN544
16	AGND38	CN544	AGND38	CN544	AGND38	CN544	AGND38	CN544
17	OUTPUT38 (-)	CN544	OUTPUT38 (-)	CN544	OUTPUT38 (-)	CN544	OUTPUT38 (-)	CN544
18	OUTPUT38 (+)	CN544	OUTPUT38 (+)	CN544	OUTPUT38 (+)	CN544	OUTPUT38 (+)	CN544
19	AGND39	CN544	AGND39	CN544	AGND39	CN544	AGND39	CN544
20	OUTPUT39 (-)	CN544	OUTPUT39 (-)	CN544	OUTPUT39 (-)	CN544	OUTPUT39 (-)	CN544
21	OUTPUT39 (+)	CN544	OUTPUT39 (+)	CN544	OUTPUT39 (+)	CN544	OUTPUT39 (+)	CN544
22	AGND40	CN544	AGND40	CN544	AGND40	CN544	AGND40	CN544
23	OUTPUT40 (-)	CN544	OUTPUT40 (-)	CN544	OUTPUT40 (-)	CN544	OUTPUT40 (-)	CN544
24	OUTPUT40 (+)	CN544	OUTPUT40 (+)	CN544	OUTPUT40 (+)	CN544	OUTPUT40 (+)	CN544
25	AGND (DA10)		AGND (DA10)		AGND (DA10)		AGND (DA10)	
26	+12V (DA10)	A502	+12V (DA10)	A502	+12V (DA10)	A502	+12V (DA10)	A502
27	-12V (DA10)	A502	-12V (DA10)	A502	-12V (DA10)	A502	-12V (DA10)	A502
28	P. AG (12VDA10)	A502	P. AG (12VDA10)	A502	P. AG (12VDA10)	A502	P. AG (12VDA10)	A502
29	-21V (DA10)	A503	-21V (DA10)	A503	-21V (DA10)	A503	-21V (DA10)	A503
30	+21V (DA10)	A503	+21V (DA10)	A503	+21V (DA10)	A503	+21V (DA10)	A503
31	P. AG (21VDA10)	A503	P. AG (21VDA10)	A503	P. AG (21VDA10)	A503	P. AG (21VDA10)	A503
32	FGND	CN561	P. AG (21VDA10)	A503	P. AG (21VDA10)	A503	P. AG (21VDA10)	A503



CN544 12P LINE OUT CH37-40		
PIN	SIGNAL	FROM/TO
1	OUTPUT40 (+)	CN520
2	OUTPUT40 (-)	CN520
3	AGND40	CN520
4	OUTPUT39 (+)	CN520
5	OUTPUT39 (-)	CN520
6	AGND39	CN520
7	OUTPUT38 (+)	CN520
8	OUTPUT38 (-)	CN520
9	AGND38	CN520
10	OUTPUT37 (+)	CN520
11	OUTPUT37 (-)	CN520
12	AGND37	CN520

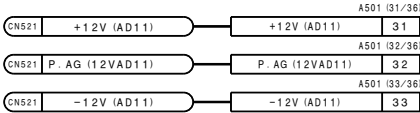


A501, 502, 503: BUS BAR (TRIPLE LAYER)

5

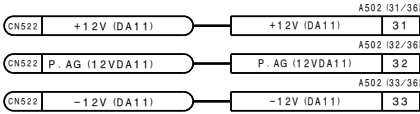
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

DAD-11								
PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	P. AG (12VAD11)	A501	P. AG (12VAD11)	A501	P. AG (12VAD11)	A501	P. AG (12VAD11)	A501
2	-12V (AD11)	A501	-12V (AD11)	A501	-12V (AD11)	A501	-12V (AD11)	A501
3	+12V (AD11)	A501	+12V (AD11)	A501	+12V (AD11)	A501	+12V (AD11)	A501
4	AGND (AD11)		AGND (AD11)		AGND (AD11)		AGND (AD11)	
5	INPUT41 (+)	CN545	INPUT41 (+)	CN545	INPUT41 (+)	CN545	INPUT41 (+)	CN545
6	INPUT41 (-)	CN545	INPUT41 (-)	CN545	INPUT41 (-)	CN545	INPUT41 (-)	CN545
7	AGND41	CN545	AGND41	CN545	AGND41	CN545	AGND41	CN545
8	INPUT42 (+)	CN545	INPUT42 (+)	CN545	INPUT42 (+)	CN545	INPUT42 (+)	CN545
9	INPUT42 (-)	CN545	INPUT42 (-)	CN545	INPUT42 (-)	CN545	INPUT42 (-)	CN545
10	AGND42	CN545	AGND42	CN545	AGND42	CN545	AGND42	CN545
11	INPUT43 (+)	CN545	INPUT43 (+)	CN545	INPUT43 (+)	CN545	INPUT43 (+)	CN545
12	INPUT43 (-)	CN545	INPUT43 (-)	CN545	INPUT43 (-)	CN545	INPUT43 (-)	CN545
13	AGND43	CN545	AGND43	CN545	AGND43	CN545	AGND43	CN545
14	INPUT44 (+)	CN545	INPUT44 (+)	CN545	INPUT44 (+)	CN545	INPUT44 (+)	CN545
15	INPUT44 (-)	CN545	INPUT44 (-)	CN545	INPUT44 (-)	CN545	INPUT44 (-)	CN545
16	AGND44	CN545	AGND44	CN545	AGND44	CN545	AGND44	CN545
17	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560
18	D-ADABUS23	CN550					D-ADABUS22	CN550
19	D-ADABUS21	CN550					D-ADABUS20	CN550
20	D-ADABUS19	CN550					D-ADABUS18	CN550
21	D-ADABUS17	CN550					D-ADABUS16	CN550
22	D-ADABUS15	CN550					D-ADABUS14	CN550
23	D-ADABUS13	CN550					D-ADABUS12	CN550
24	D-ADABUS11	CN550					D-ADABUS10	CN550
25	D-ADABUS9	CN550					D-ADABUS8	CN550
26	D-ADABUS7	CN550	D-ADABUS3	CN550	D-ADABUS2	CN550	D-ADABUS6	CN550
27	D-ADABUS5	CN550	D-ADABUS1	CN550	D-ADABUS0	CN550	D-ADABUS4	CN550
28	RG-ADA2	CN550	RG-ADA2	CN550	RG-ADA2	CN550	RG-ADA2	CN550
29	D-ADAEMP	CN550					RG-ADA2	CN550
30	D-IN/REP*	CN550					RG-ADA2	CN550
31	+5V	BUS BAR (A)	+5V	BUS BAR (A)	+5V	BUS BAR (A)	+5V	BUS BAR (A)
32	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560

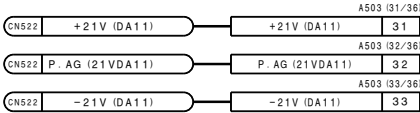


LINE IN CH41-44		
PIN	SIGNAL	FROM/TO
1	AGND44	CN521
2	INPUT44 (-)	CN521
3	INPUT44 (+)	CN521
4	AGND43	CN521
5	INPUT43 (-)	CN521
6	INPUT43 (+)	CN521
7	AGND42	CN521
8	INPUT42 (-)	CN521
9	INPUT42 (+)	CN521
10	AGND41	CN521
11	INPUT41 (-)	CN521
12	INPUT41 (+)	CN521

DAD-11								
PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560
2	P. DG (5V) : B1D0	CN560					P. DG (5V) : B1D1	CN560
3	NC : B1D2	CN560						
4	PMUTE*	CN549					RG-MC	CN549
5	RESET2*	CN549	RG-MC	CN549	16B/24B*	CN549	RG-16/24*	CN549
6	RG-CTK24	CN550	RG-CTK24	CN550	RG-CTK24	CN550	RG-CTK24	CN550
7	WSYNC*A (+)	CN550					WSYNC*A (-)	CN550
8	192FSA (+)	CN550					192FSA (-)	CN550
9	256FSA (+)	CN550					256FSA (-)	CN550
10	256FSDAD (+)	CN550					256FSDAD (-)	CN550
11	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560
12	AGND (DA111)		AGND (DA111)		AGND (DA111)		AGND (DA111)	
13	AGND41	CN546	AGND41	CN546	AGND41	CN546	AGND41	CN546
14	OUTPUT41 (-)	CN546	OUTPUT41 (-)	CN546	OUTPUT41 (-)	CN546	OUTPUT41 (-)	CN546
15	OUTPUT41 (+)	CN546	OUTPUT41 (+)	CN546	OUTPUT41 (+)	CN546	OUTPUT41 (+)	CN546
16	AGND42	CN546	AGND42	CN546	AGND42	CN546	AGND42	CN546
17	OUTPUT42 (-)	CN546	OUTPUT42 (-)	CN546	OUTPUT42 (-)	CN546	OUTPUT42 (-)	CN546
18	OUTPUT42 (+)	CN546	OUTPUT42 (+)	CN546	OUTPUT42 (+)	CN546	OUTPUT42 (+)	CN546
19	AGND43	CN546	AGND43	CN546	AGND43	CN546	AGND43	CN546
20	OUTPUT43 (-)	CN546	OUTPUT43 (-)	CN546	OUTPUT43 (-)	CN546	OUTPUT43 (-)	CN546
21	OUTPUT43 (+)	CN546	OUTPUT43 (+)	CN546	OUTPUT43 (+)	CN546	OUTPUT43 (+)	CN546
22	AGND44	CN546	AGND44	CN546	AGND44	CN546	AGND44	CN546
23	OUTPUT44 (-)	CN546	OUTPUT44 (-)	CN546	OUTPUT44 (-)	CN546	OUTPUT44 (-)	CN546
24	OUTPUT44 (+)	CN546	OUTPUT44 (+)	CN546	OUTPUT44 (+)	CN546	OUTPUT44 (+)	CN546
25	AGND (DA11)		AGND (DA11)		AGND (DA11)		AGND (DA11)	
26	+12V (DA11)	A502	+12V (DA11)	A502	+12V (DA11)	A502	+12V (DA11)	A502
27	-12V (DA11)	A502	-12V (DA11)	A502	-12V (DA11)	A502	-12V (DA11)	A502
28	P. AG (12VDA11)	A502	P. AG (12VDA11)	A502	P. AG (12VDA11)	A502	P. AG (12VDA11)	A502
29	-21V (DA11)	A503	-21V (DA11)	A503	-21V (DA11)	A503	-21V (DA11)	A503
30	+21V (DA11)	A503	+21V (DA11)	A503	+21V (DA11)	A503	+21V (DA11)	A503
31	P. AG (21VDA11)	A503	P. AG (21VDA11)	A503	P. AG (21VDA11)	A503	P. AG (21VDA11)	A503
32	FGND	CN561	P. AG (21VDA11)	A503	P. AG (21VDA11)	A503	P. AG (21VDA11)	A503



LINE OUT CH41-44		
PIN	SIGNAL	FROM/TO
1	OUTPUT44 (+)	CN522
2	OUTPUT44 (-)	CN522
3	AGND44	CN522
4	OUTPUT43 (+)	CN522
5	OUTPUT43 (-)	CN522
6	AGND43	CN522
7	OUTPUT42 (+)	CN522
8	OUTPUT42 (-)	CN522
9	AGND42	CN522
10	OUTPUT41 (+)	CN522
11	OUTPUT41 (-)	CN522
12	AGND41	CN522



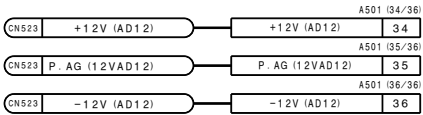
A501, 502, 503: BUS BAR (TRIPLE LAYER)

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

CN523

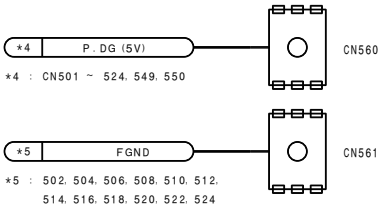
DAD-12

PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	P. AG (12VAD12)	A501	P. AG (12VAD12)	A501	P. AG (12VAD12)	A501	P. AG (12VAD12)	A501
2	-12V (AD12)	A501	-12V (AD12)	A501	-12V (AD12)	A501	-12V (AD12)	A501
3	+12V (AD12)	A501	+12V (AD12)	A501	+12V (AD12)	A501	+12V (AD12)	A501
4	AGND (AD12)		AGND (AD12)		AGND (AD12)		AGND (AD12)	
5	INPUT45 (+)	CN547	INPUT45 (+)	CN547	INPUT45 (+)	CN547	INPUT45 (+)	CN547
6	INPUT45 (-)	CN547	INPUT45 (-)	CN547	INPUT45 (-)	CN547	INPUT45 (-)	CN547
7	AGND45	CN547	AGND45	CN547	AGND45	CN547	AGND45	CN547
8	INPUT46 (+)	CN547	INPUT46 (+)	CN547	INPUT46 (+)	CN547	INPUT46 (+)	CN547
9	INPUT46 (-)	CN547	INPUT46 (-)	CN547	INPUT46 (-)	CN547	INPUT46 (-)	CN547
10	AGND46	CN547	AGND46	CN547	AGND46	CN547	AGND46	CN547
11	INPUT47 (+)	CN547	INPUT47 (+)	CN547	INPUT47 (+)	CN547	INPUT47 (+)	CN547
12	INPUT47 (-)	CN547	INPUT47 (-)	CN547	INPUT47 (-)	CN547	INPUT47 (-)	CN547
13	AGND47	CN547	AGND47	CN547	AGND47	CN547	AGND47	CN547
14	INPUT48 (+)	CN547	INPUT48 (+)	CN547	INPUT48 (+)	CN547	INPUT48 (+)	CN547
15	INPUT48 (-)	CN547	INPUT48 (-)	CN547	INPUT48 (-)	CN547	INPUT48 (-)	CN547
16	AGND48	CN547	AGND48	CN547	AGND48	CN547	AGND48	CN547
17	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560
18	D-ADABUS23	CN550					D-ADABUS22	CN550
19	D-ADABUS21	CN550					D-ADABUS20	CN550
20	D-ADABUS19	CN550					D-ADABUS18	CN550
21	D-ADABUS17	CN550					D-ADABUS16	CN550
22	D-ADABUS15	CN550					D-ADABUS14	CN550
23	D-ADABUS13	CN550					D-ADABUS12	CN550
24	D-ADABUS11	CN550					D-ADABUS10	CN550
25	D-ADABUS9	CN550					D-ADABUS8	CN550
26	D-ADABUS7	CN550	D-ADABUS3	CN550	D-ADABUS2	CN550	D-ADABUS6	CN550
27	D-ADABUS5	CN550	D-ADABUS1	CN550	D-ADABUS0	CN550	D-ADABUS4	CN550
28	RG-ADA2	CN550	RG-ADA2	CN550	RG-ADA2	CN550	RG-ADA2	CN550
29	D-ADAEMP	CN550					RG-ADA2	CN550
30	D-IN/REP*	CN550					RG-ADA2	CN550
31	+5V	BUS BAR (A)	+5V	BUS BAR (A)	+5V	BUS BAR (A)	+5V	BUS BAR (A)
32	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560



CN547 12P LINE IN CH45-48

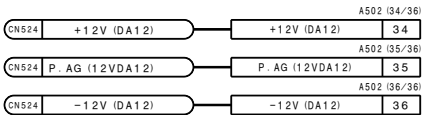
PIN	SIGNAL	FROM/TO
1	AGND48	CN523
2	INPUT48 (-)	CN523
3	INPUT48 (+)	CN523
4	AGND47	CN523
5	INPUT47 (-)	CN523
6	INPUT47 (+)	CN523
7	AGND46	CN523
8	INPUT46 (-)	CN523
9	INPUT46 (+)	CN523
10	AGND45	CN523
11	INPUT45 (-)	CN523
12	INPUT45 (+)	CN523



CN524

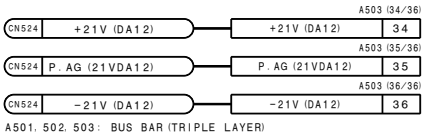
DAD-12

PIN	A	FROM/TO	B	FROM/TO	C	FROM/TO	D	FROM/TO
1	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560
2	NC:B1D0	CN560					P. DG (5V):B1D1	CN560
3	NC:B1D2	CN560						
4	PMUTE*	CN549					RG-MC	CN549
5	RESET2*	CN549	RG-MC	CN549	16B/24B*	CN549	RG-16/24*	CN549
6	RG-CTK24	CN550	RG-CTK24	CN550	RG-CTK24	CN550	RG-CTK24	CN550
7	WSYNC*A (+)	CN550					WSYNC*A (-)	CN550
8	192FSA (+)	CN550					192FSA (-)	CN550
9	256FSA (+)	CN550					256FSA (-)	CN550
10	256FSDAD (+)	CN550					256FSDAD (-)	CN550
11	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560	P. DG (5V)	CN560
12	AGND (DA121)		AGND (DA121)		AGND (DA121)		AGND (DA121)	
13	AGND45	CN548	AGND45	CN548	AGND45	CN548	AGND45	CN548
14	OUTPUT45 (-)	CN548	OUTPUT45 (-)	CN548	OUTPUT45 (-)	CN548	OUTPUT45 (-)	CN548
15	OUTPUT45 (+)	CN548	OUTPUT45 (+)	CN548	OUTPUT45 (+)	CN548	OUTPUT45 (+)	CN548
16	AGND46	CN548	AGND46	CN548	AGND46	CN548	AGND46	CN548
17	OUTPUT46 (-)	CN548	OUTPUT46 (-)	CN548	OUTPUT46 (-)	CN548	OUTPUT46 (-)	CN548
18	OUTPUT46 (+)	CN548	OUTPUT46 (+)	CN548	OUTPUT46 (+)	CN548	OUTPUT46 (+)	CN548
19	AGND47	CN548	AGND47	CN548	AGND47	CN548	AGND47	CN548
20	OUTPUT47 (-)	CN548	OUTPUT47 (-)	CN548	OUTPUT47 (-)	CN548	OUTPUT47 (-)	CN548
21	OUTPUT47 (+)	CN548	OUTPUT47 (+)	CN548	OUTPUT47 (+)	CN548	OUTPUT47 (+)	CN548
22	AGND48	CN548	AGND48	CN548	AGND48	CN548	AGND48	CN548
23	OUTPUT48 (-)	CN548	OUTPUT48 (-)	CN548	OUTPUT48 (-)	CN548	OUTPUT48 (-)	CN548
24	OUTPUT48 (+)	CN548	OUTPUT48 (+)	CN548	OUTPUT48 (+)	CN548	OUTPUT48 (+)	CN548
25	AGND (DA12)		AGND (DA12)		AGND (DA12)		AGND (DA12)	
26	+12V (DA12)	A502	+12V (DA12)	A502	+12V (DA12)	A502	+12V (DA12)	A502
27	-12V (DA12)	A502	-12V (DA12)	A502	-12V (DA12)	A502	-12V (DA12)	A502
28	P. AG (12VDA12)	A502	P. AG (12VDA12)	A502	P. AG (12VDA12)	A502	P. AG (12VDA12)	A502
29	-21V (DA12)	A503	-21V (DA12)	A503	-21V (DA12)	A503	-21V (DA12)	A503
30	+21V (DA12)	A503	+21V (DA12)	A503	+21V (DA12)	A503	+21V (DA12)	A503
31	P. AG (21VDA12)	A503	P. AG (21VDA12)	A503	P. AG (21VDA12)	A503	P. AG (21VDA12)	A503
32	FGND	CN561	P. AG (21VDA12)	A503	P. AG (21VDA12)	A503	P. AG (21VDA12)	A503



CN548 12P LINE OUT CH45-48

PIN	SIGNAL	FROM/TO
1	OUTPUT48 (+)	CN524
2	OUTPUT48 (-)	CN524
3	AGND48	CN524
4	OUTPUT47 (+)	CN524
5	OUTPUT47 (-)	CN524
6	AGND47	CN524
7	OUTPUT46 (+)	CN524
8	OUTPUT46 (-)	CN524
9	AGND46	CN524
10	OUTPUT45 (+)	CN524
11	OUTPUT45 (-)	CN524
12	AGND45	CN524



A501, 502, 503: BUS BAR (TRIPLE LAYER)





PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

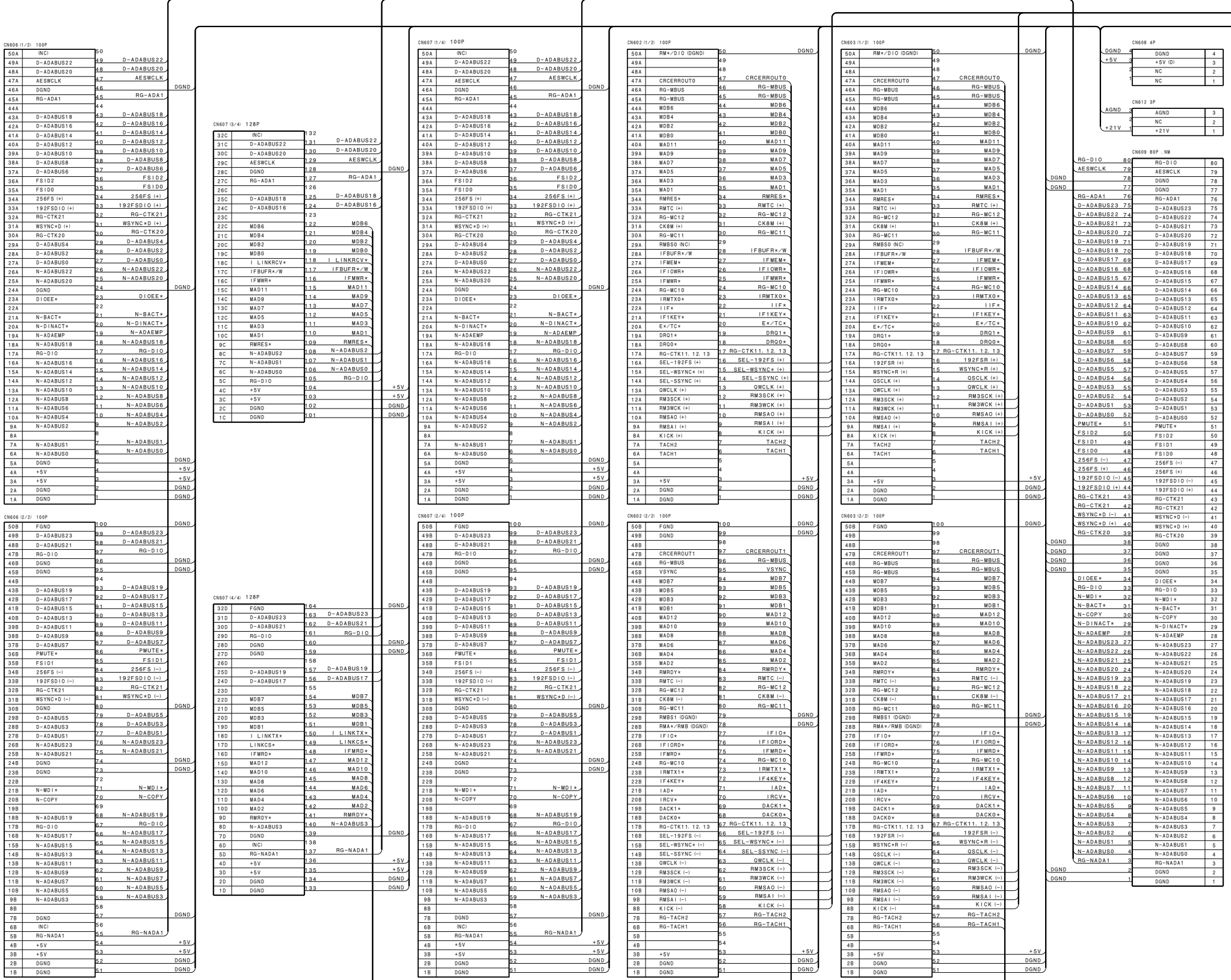
1

2

3

4

5



CN601 (1/2) 100P			CN604 (1/2) 100P			CN605 (1/2) 100P			CN611 50P		
50A	RM*/DIO (DGND)	50	DGND	50A	RM*/DIO (DGND)	50	DGND	50A	RM*/DIO (DGND)	50	DGND
49A		49		49A		49		49A		49	DGND
48A		48		48A		48		48A		48	DGND
47A	CRCERRROUT0	47	CRCERRROUT0	47A	CRCERRROUT0	47	CRCERRROUT0	47A	CRCERRROUT0	47	RG-MBUS
46A	RG-MBUS	46	RG-MBUS	46A	RG-MBUS	46	RG-MBUS	46A	RG-MBUS	46	MD87
45A	RG-MBUS	45	RG-MBUS	45A	RG-MBUS	45	RG-MBUS	45A	RG-MBUS	45	MD86
44A	MD86	44	MD86	44A	MD86	44	MD86	44A	MD86	44	MD85
43A	MD84	43	MD84	43A	MD84	43	MD84	43A	MD84	43	MD84
42A	MD82	42	MD82	42A	MD82	42	MD82	42A	MD82	42	MD83
41A	MD80	41	MD80	41A	MD80	41	MD80	41A	MD80	41	MD82
40A	MAD11	40	MAD11	40A	MAD11	40	MAD11	40A	MAD11	40	MD81
39A	MAD9	39	MAD9	39A	MAD9	39	MAD9	39A	MAD9	39	MD80
38A	MAD7	38	MAD7	38A	MAD7	38	MAD7	38A	MAD7	38	MAD12
37A	MAD5	37	MAD5	37A	MAD5	37	MAD5	37A	MAD5	37	MAD11
36A	MAD3	36	MAD3	36A	MAD3	36	MAD3	36A	MAD3	36	MAD10
35A	MAD1	35	MAD1	35A	MAD1	35	MAD1	35A	MAD1	35	MAD9
34A	RMRES*	34	RMRES*	34A	RMRES*	34	RMRES*	34A	RMRES*	34	MAD8
33A	RMTC (+)	33	RMTC (+)	33A	RMTC (+)	33	RMTC (+)	33A	RMTC (+)	33	MAD7
32A	RG-MC12	32	RG-MC12	32A	RG-MC12	32	RG-MC12	32A	RG-MC12	32	MAD6
31A	CK8M (+)	31	CK8M (+)	31A	CK8M (+)	31	CK8M (+)	31A	CK8M (+)	31	MAD5
30A	RG-MC11	30	RG-MC11	30A	RG-MC11	30	RG-MC11	30A	RG-MC11	30	MAD4
29A	RMBS0 (NC)	29		29A	RMBS0 (NC)	29		29A	RMBS0 (NC)	29	MAD3
28A	IFBUFR*/W	28	IFBUFR*/W	28A	IFBUFR*/W	28	IFBUFR*/W	28A	IFBUFR*/W	28	MAD2
27A	IFMEM*	27	IFMEM*	27A	IFMEM*	27	IFMEM*	27A	IFMEM*	27	MAD1
26A	IFLOWR*	26	IFLOWR*	26A	IFLOWR*	26	IFLOWR*	26A	IFLOWR*	26	RM8DY*
25A	IFMWR*	25	IFMWR*	25A	IFMWR*	25	IFMWR*	25A	IFMWR*	25	RMRES*
24A	RG-MC10	24	RG-MC10	24A	RG-MC10	24	RG-MC10	24A	RG-MC10	24	RMTC (-)
23A	IRMTX0*	23	IRMTX0*	23A	IRMTX0*	23	IRMTX0*	23A	IRMTX0*	23	RMTC (+)
22A	IF*	22	IF*	22A	IF*	22	IF*	22A	IF*	22	RG-MC12
21A	IF1KEY*	21	IF1KEY*	21A	IF1KEY*	21	IF1KEY*	21A	IF1KEY*	21	SEL-SSYNC (+)
20A	E*/TC*	20	E*/TC*	20A	E*/TC*	20	E*/TC*	20A	E*/TC*	20	SEL-SSYNC (+)
19A	DR01*	19	DR01*	19A	DR01*	19	DR01*	19A	DR01*	19	SEL-SSYNC (+)
18A	DR00*	18	DR00*	18A	DR00*	18	DR00*	18A	DR00*	18	SEL-SSYNC (+)
17A	RG-CTK11, 12, 13	17	RG-CTK11, 12, 13	17A	RG-CTK11, 12, 13	17	RG-CTK11, 12, 13	17A	RG-CTK11, 12, 13	17	SEL-SSYNC (+)
16A	192FSR (+)	16	192FSR (+)	16A	192FSR (+)	16	192FSR (+)	16A	192FSR (+)	16	RG-CTK11, 12, 13, 16
15A	WSYNC+R (+)	15	WSYNC+R (+)	15A	WSYNC+R (+)	15	WSYNC+R (+)	15A	WSYNC+R (+)	15	RG-CTK11, 12, 13, 15
14A	OSCLK (+)	14	OSCLK (+)	14A	OSCLK (+)	14	OSCLK (+)	14A	OSCLK (+)	14	RECEST (-)
13A	OWCLK (+)	13	OWCLK (+)	13A	OWCLK (+)	13	OWCLK (+)	13A	OWCLK (+)	13	RECEST (+)
12A	RECST (+)	12	RECST (+)	12A	RECST (+)	12	RECST (+)	12A	RECST (+)	12	RECON (-)
11A	RECON (+)	11	RECON (+)	11A	RECON (+)	11	RECON (+)	11A	RECON (+)	11	RECON (+)
10A	RECRDY* (+)	10	RECRDY* (+)	10A	RECRDY* (+)	10	RECRDY* (+)	10A	RECRDY* (+)	10	RECRDY* (+)
9A	EXT SPH (+)	9	EXT SPH (+)	9A	EXT SPH (+)	9	EXT SPH (+)	9A	EXT SPH (+)	9	RECRDY* (+)
8A	(NC)	8		8A	(NC)	8		8A	(NC)	8	SEL-192FS (-)
7A	TACH2	7	TACH2	7A	TACH2	7	TACH2	7A	TACH2	7	SEL-192FS (-)
6A	TACH1	6	TACH1	6A	TACH1	6	TACH1	6A	TACH1	6	RMSAO (-)
5A	AGND	5	AGND	5A	AGND	5	AGND	5A	AGND	5	RMSAO (+)
4A	+21V	4	+21V	4A	+21V	4	+21V	4A	+21V	4	RMSAI (-)
3A	+5V	3	+5V	3A	+5V	3	+5V	3A	+5V	3	RMSAI (+)
2A	DGND	2	DGND	2A	DGND	2	DGND	2A	DGND	2	KICK (-)
1A	DGND	1	DGND	1A	DGND	1	DGND	1A	DGND	1	KICK (+)

CN601 (2/2) 100P			CN604 (2/2) 100P			CN605 (2/2) 100P			CN610 60P		
50B	FGND	50	DGND	50B	FGND	50	DGND	50B	FGND	50	DGND
49B		49		49B		49		49B		49	DGND
48B		48		48B		48		48B		48	DGND
47B	CRCERRROUT1	47	CRCERRROUT1	47B	CRCERRROUT1	47	CRCERRROUT1	47B	CRCERRROUT1	47	CRCERRROUT0
46B	RG-MBUS	46	RG-MBUS	46B	RG-MBUS	46	RG-MBUS	46B	RG-MBUS	46	CRCERRROUT1
45B	RG-MBUS	45	RG-MBUS	45B	RG-MBUS	45	RG-MBUS	45B	RG-MBUS	45	CK8M (-)
44B	MD87	44	MD87	44B	MD87	44	MD87	44B	MD87	44	CK8M (+)
43B	MD85	43	MD85	43B	MD85	43	MD85	43B	MD85	43	RG-MC11
42B	MD83	42	MD83	42B	MD83	42	MD83	42B	MD83	42	RG-MC11
41B	MD81	41	MD81	41B	MD81	41	MD81	41B	MD81	41	RG-MC11
40B	MAD12	40	MAD12	40B	MAD12	40	MAD12	40B	MAD12	40	MD81
39B	MAD10	39	MAD10	39B	MAD10	39	MAD10	39B	MAD10	39	DGND
38B	MAD8	38	MAD8	38B	MAD8	38	MAD8	38B	MAD8	38	DGND
37B	MAD6	37	MAD6	37B	MAD6	37	MAD6	37B	MAD6	37	IFBUFR*/W
36B	MAD4	36	MAD4	36B	MAD4	36	MAD4	36B	MAD4	36	IFIO*
35B	MAD2	35	MAD2	35B	MAD2	35	MAD2	35B	MAD2	35	IFMEM*
34B	RM8DY*	34	RM8DY*	34B	RM8DY*	34	RM8DY*	34B	RM8DY*	34	IFLOWR*
33B	RMTC (-)	33	RMTC (-)	33B	RMTC (-)	33	RMTC (-)	33B	RMTC (-)	33	IFMRD*
32B	RG-MC12	32	RG-MC12	32B	RG-MC12	32	RG-MC12	32B	RG-MC12	32	IFMWR*
31B	CK8M (-)	31	CK8M (-)	31B	CK8M (-)	31	CK8M (-)	31B	CK8M (-)	31	RG-MC10
30B	RG-MC11	30	RG-MC11	30B	RG-MC11	30	RG-MC11	30B	RG-MC11	30	RG-MC10
29B	RMBS1 (DGND)	29		29B	RMBS1 (DGND)	29		29B	RMBS1 (DGND)	29	RG-MC11
28B	RMA*/RMB (NC)	28		28B	RMA*/RMB (NC)	28		28B	RMA*/RMB (NC)	28	MD87
27B	IFIO*	27	IFIO*	27B	IFIO*	27	IFIO*	27B	IFIO*	27	MD86
26B	IFIOR0*	26	IFIOR0*	26B	IFIOR0*	26	IFIOR0*	26B	IFIOR0*	26	MD85
25B	IFMRD*	25	IFMRD*	25B	IFMRD*	25	IFMRD*	25B	IFMRD*	25	MD84
24B	RG-MC10	24	RG-MC10	24B	RG-MC10	24	RG-MC10	24B	RG-MC10	24	MD83
23B	IRMTX1*	23	IRMTX1*	23B	IRMTX1*	23	IRMTX1*	23B	IRMTX1*	23	MD82
22B	IF4KEY*	22	IF4KEY*	22B	IF4KEY*	22	IF4KEY*	22B	IF4KEY*	22	MD81
21B	IAD*	21	IAD*	21B	IAD*	21	IAD*	21B	IAD*	21	MAD12
20B	IRCV*	20	IRCV*	20B	IRCV*	20	IRCV*	20B	IRCV*	20	MAD10
19B	DACK1*	19	DACK1*	19B	DACK1*	19	DACK1*	19B	DACK1*	19	MAD8
18B	DACK0*	18	DACK0*	18B	DACK0*	18	DACK0*	18B	DACK0*	18	MAD6
17B	RG-CTK11, 12, 13	17	RG-CTK11, 12, 13	17B	RG-CTK11, 12, 13	17	RG-CTK11, 12, 13	17B	RG-CTK11, 12, 13	17	MAD4
16B	192FSR (-)	16	192FSR (-)	16B	192FSR (-)	16	192FSR (-)	16B	192FSR (-)	16	MAD2
15B	WSYNC+R (-)	15	WSYNC+R (-)	15B	WSYNC+R (-)	15	WSYNC+R (-)	15B	WSYNC+R (-)	15	RM8DY*
14B	OSCLK (-)	14	OSCLK (-)	14B	OSCLK (-)	14	OSCLK (-)	14B	OSCLK (-)	14	RMTC (-)
13B	OWCLK (-)	13	OWCLK (-)	13B	OWCLK (-)	13	OWCLK (-)	13B	OWCLK (-)	13	RG-MC12
12B	RECST (-)	12	RECST (-)	12B	RECST (-)	12	RECST (-)	12B	RECST (-)	12	CK8M (-)
11B	RECON (-)	11	RECON (-)	11B	RECON (-)	11	RECON (-)	11B	RECON (-)	11	CK8M (+)
10B	RECRDY* (-)	10	RECRDY* (-)	10B	RECRDY* (-)	10	RECRDY* (-)	10B	RECRDY* (-)	10	RG-MC11
9B	EXT SPH (-)	9	EXT SPH (-)	9B	EXT SPH (-)	9	EXT SPH (-)	9B	EXT SPH (-)	9	RG-MC11
8B	(NC)	8		8B	(NC)	8		8B	(NC)	8	MD87
7B	RG-TACH2	7	RG-TACH2	7B	RG-TACH2	7	RG-TACH2	7B	RG-TACH2	7	MD86
6B	RG-TACH1	6	RG-TACH1	6B	RG-TACH1	6	RG-TACH1	6B	RG-TACH1	6	MD85
5B	AGND	5	AGND	5B	AGND	5	AGND	5B	AGND	5	MD84
4B	+21V	4	+21V	4B	+21V	4	+21V	4B	+21V	4	MD83
3B	+5V	3	+5V	3B	+5V	3	+5V	3B	+5V	3	MD82
2B	DGND	2	DGND	2B	DGND	2	DGND	2B	DGND	2	MD81
1B	DGND	1	DGND	1B	DGND	1	DGND	1B	DGND	1	MAD12

CN611 50P			CN610 60P			
50	DGND	50	DGND	60	DGND	60
49	DGND	49	DGND	59	DGND	59
48	DGND	48	DGND	58	DGND	58
47	RG-MBUS	47	RG-MBUS	57	CRCERRROUT0	57
46	MD87	46	MD87	56	CRCERRROUT1	56
45	MD86	45	MD86	55	CK8M (-)	55
44	MD85	44	MD85	54	CK8M (+)	54
43	MD84	43	MD84	53	RG-MC11	53

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

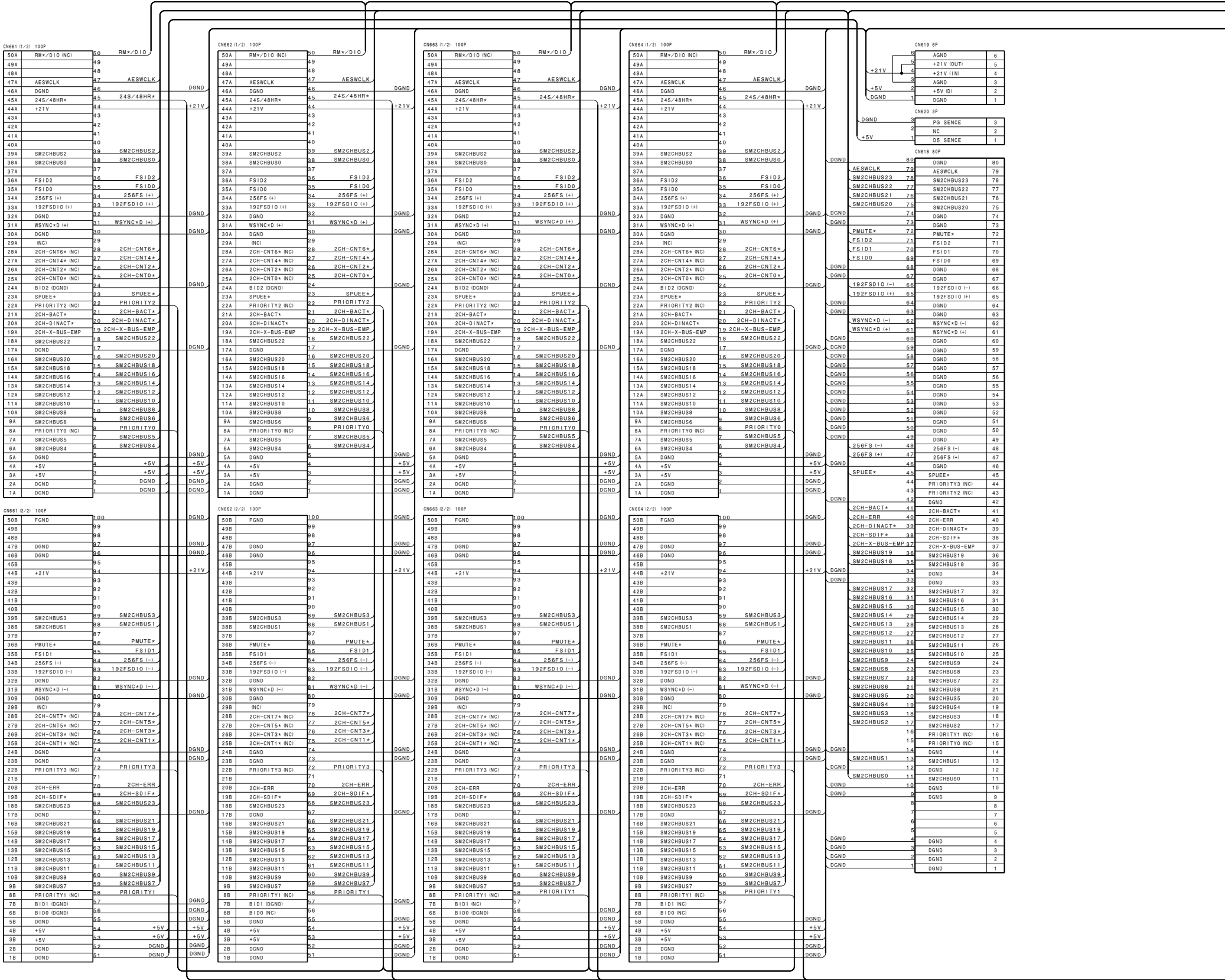
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CN665 (1/2) 100P				CN666 (1/2) 100P				CN667 (1/2) 100P				CN668 (1/2) 100P				CN617 80P																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
50A	RM*/DIO (NC)	50	RM*/DIO	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	50A	RM*/DIO (NC)	50	RM*/DIO	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-DIOBUS22	49A	D-DIOBUS22	49	D-D

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

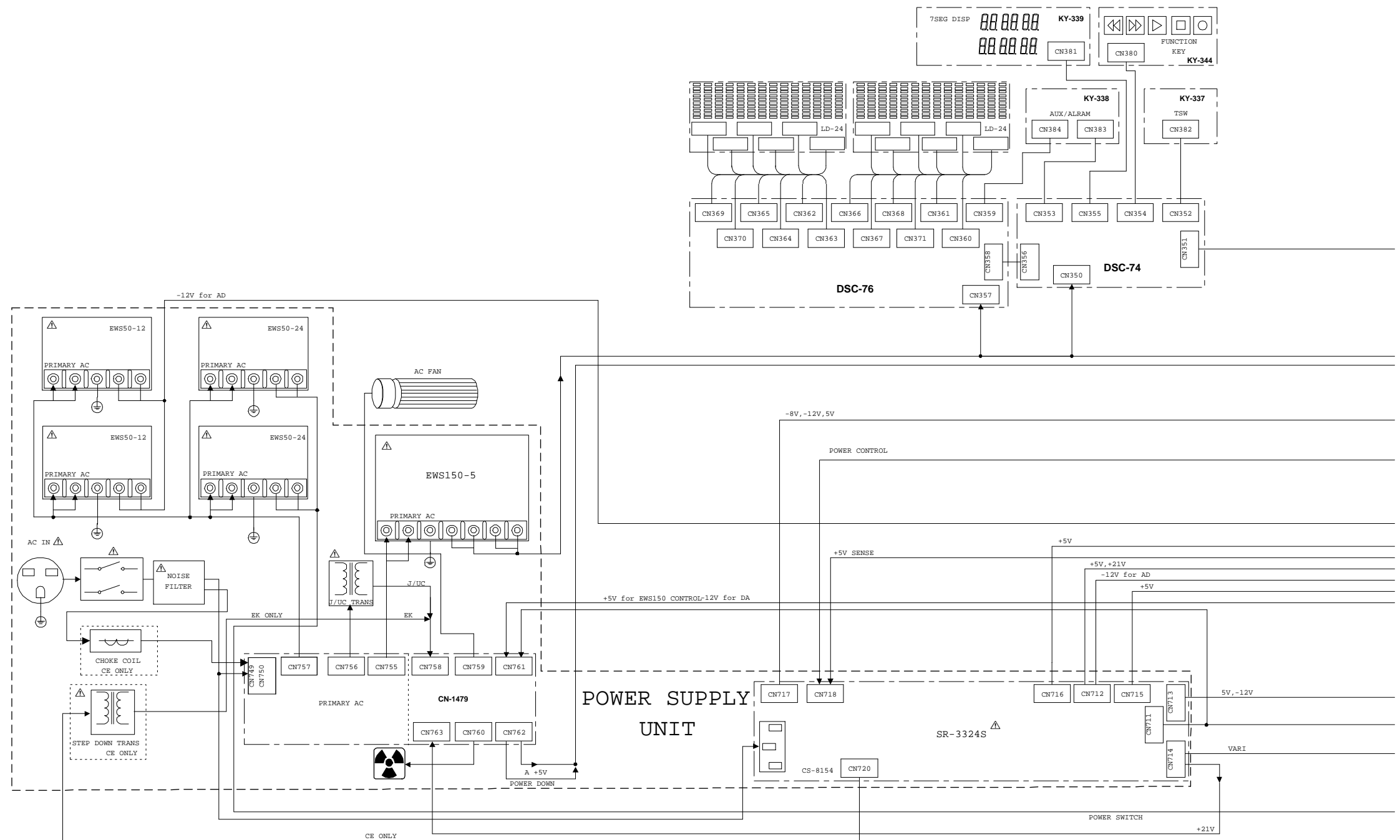
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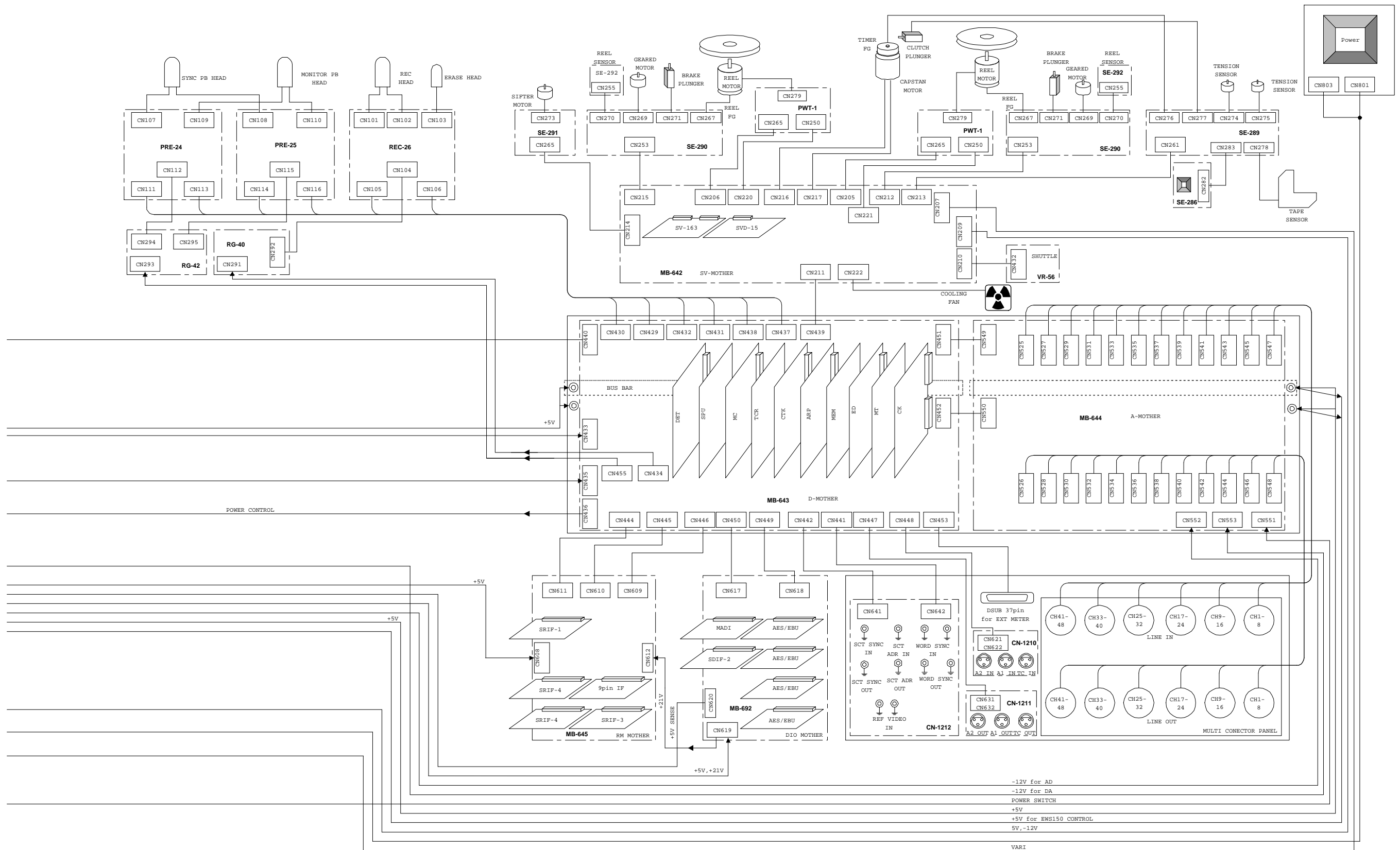
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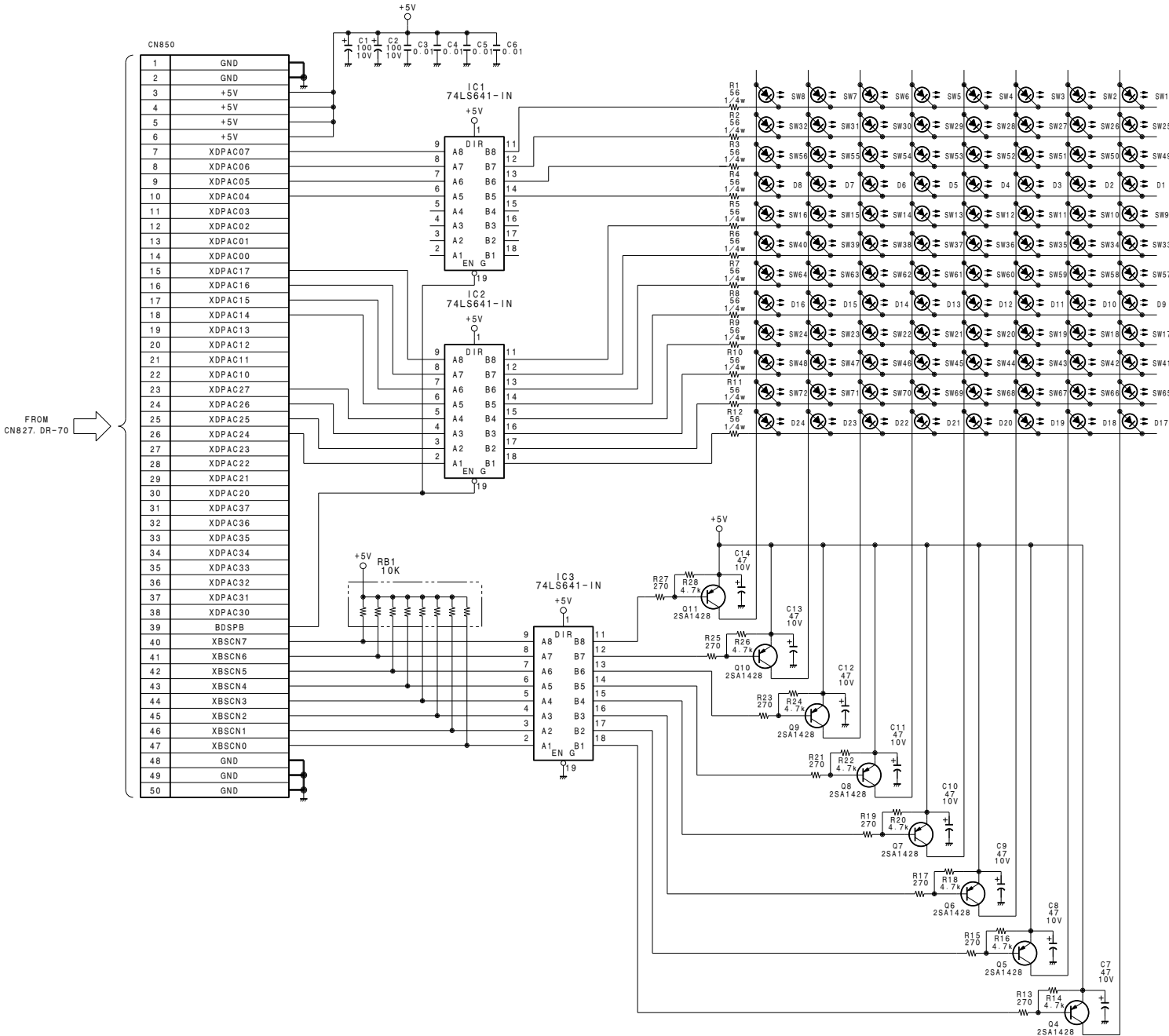
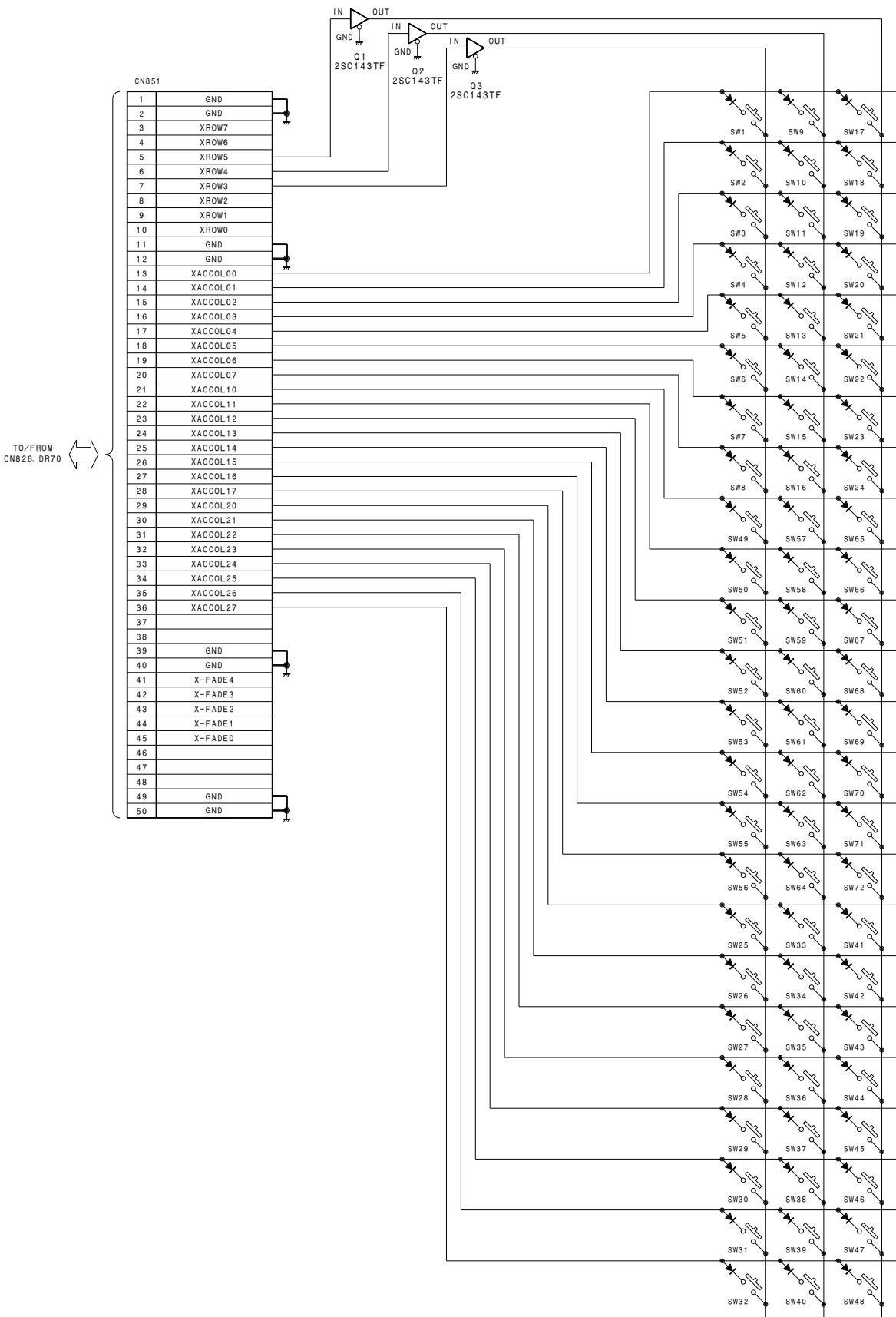
**Frame Wiring      Frame Wiring**



## Frame Wiring

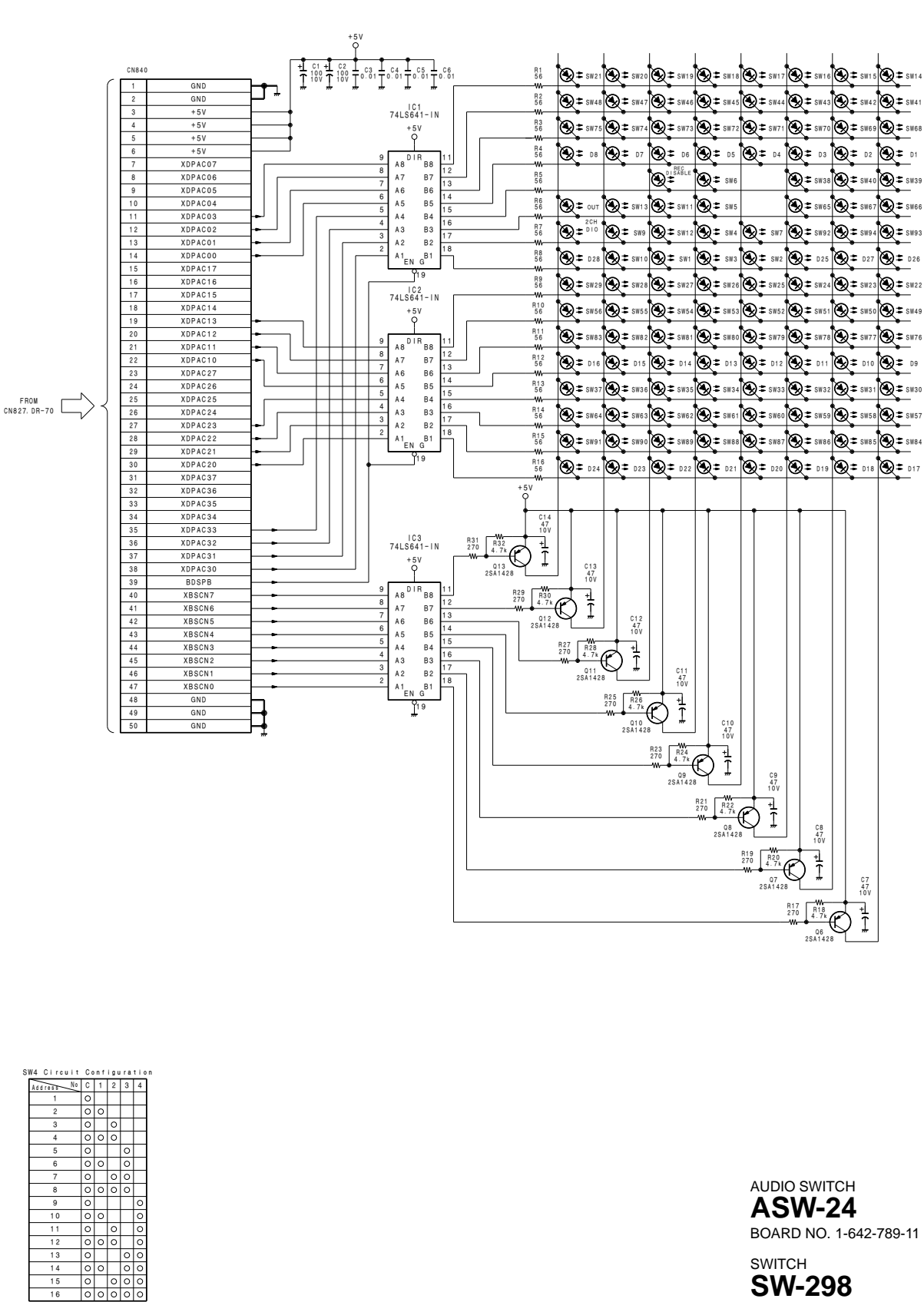
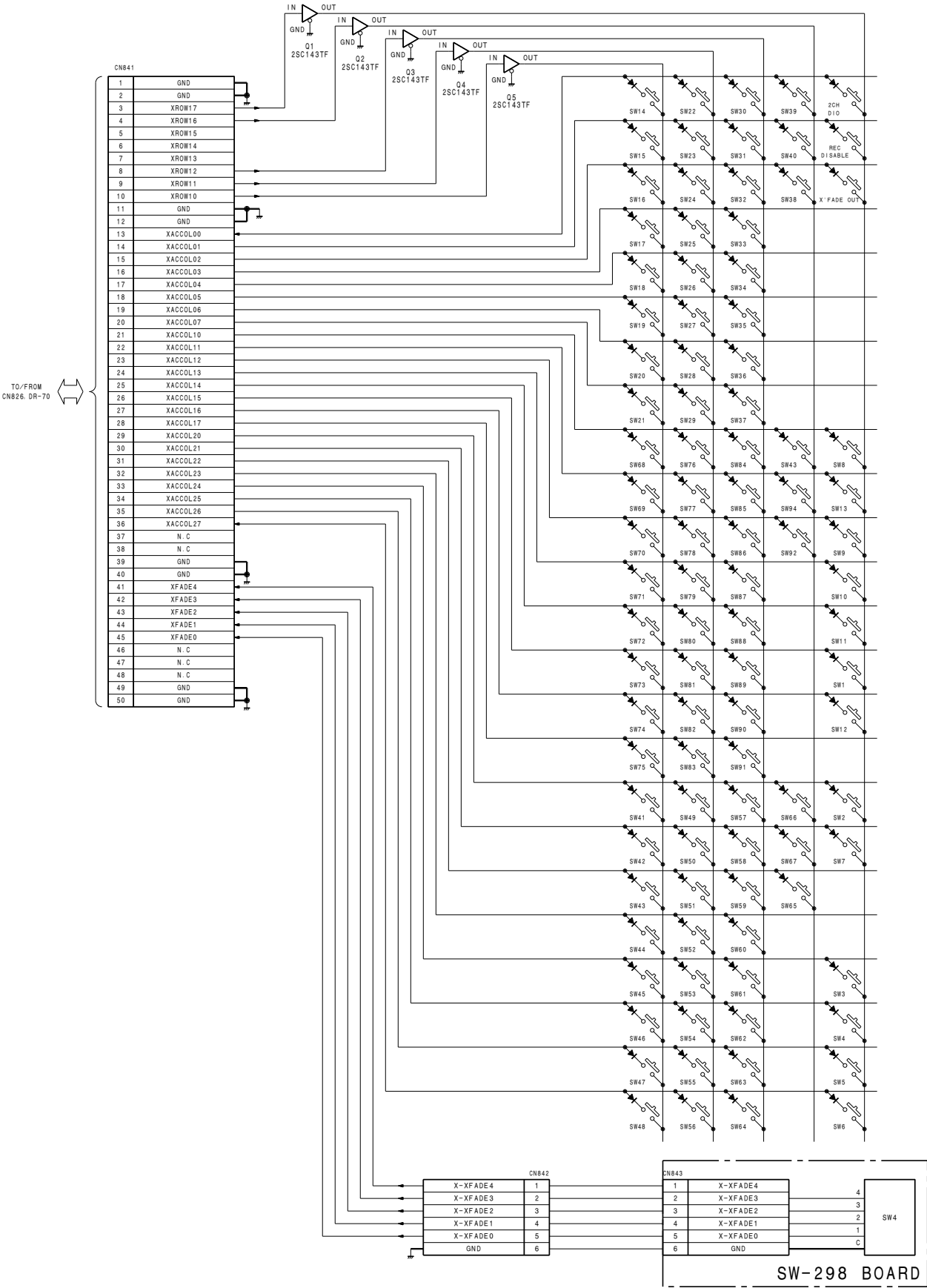


PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



AUDIO SWITCH  
**ASW-9**  
BOARD NO. 1-627-130-11  
B-PCM3348HR-ASW9-S/M  
FOR REMOTE CONTROL UNIT

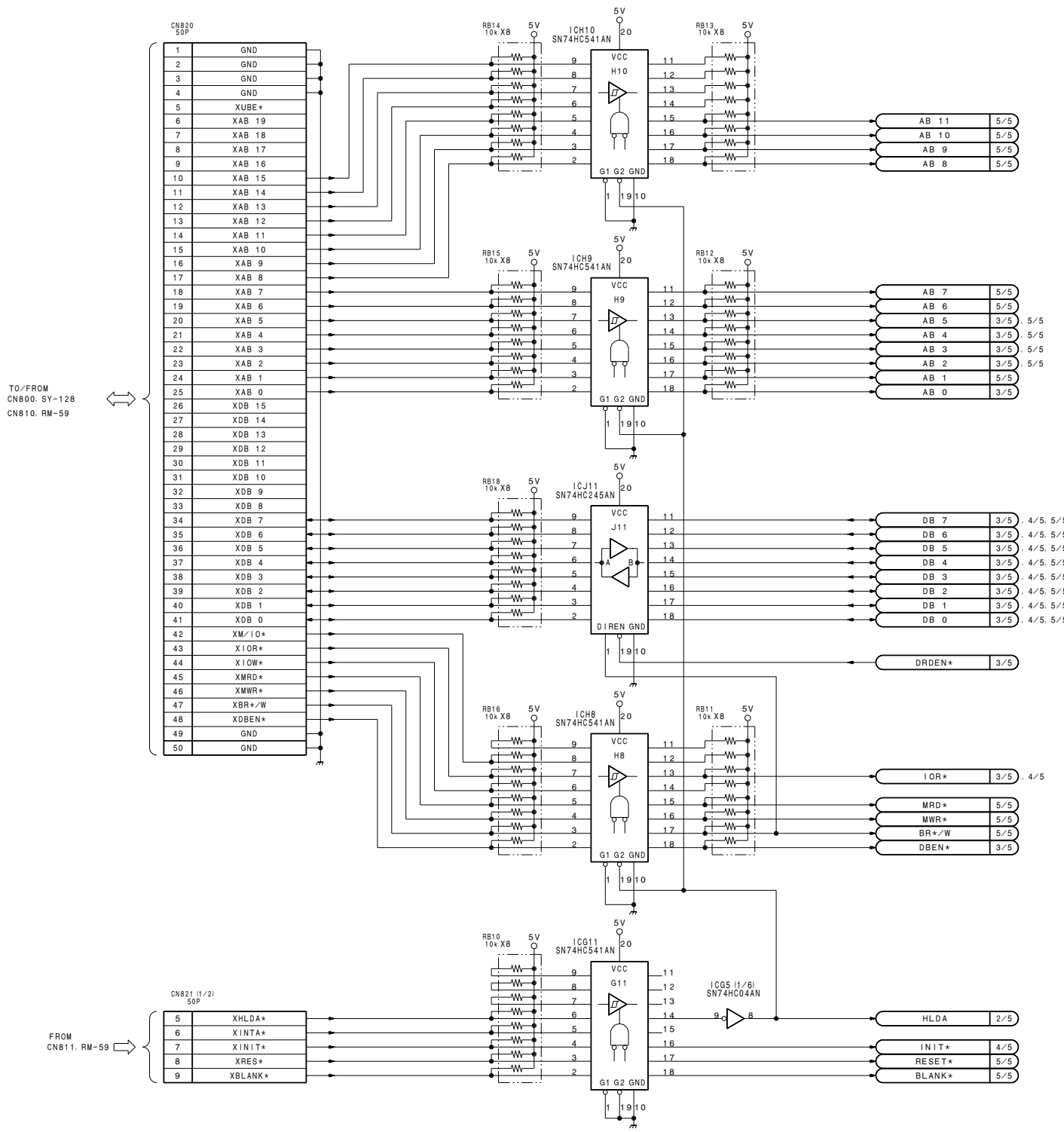
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



AUDIO SWITCH  
**ASW-24**  
BOARD NO. 1-642-789-11

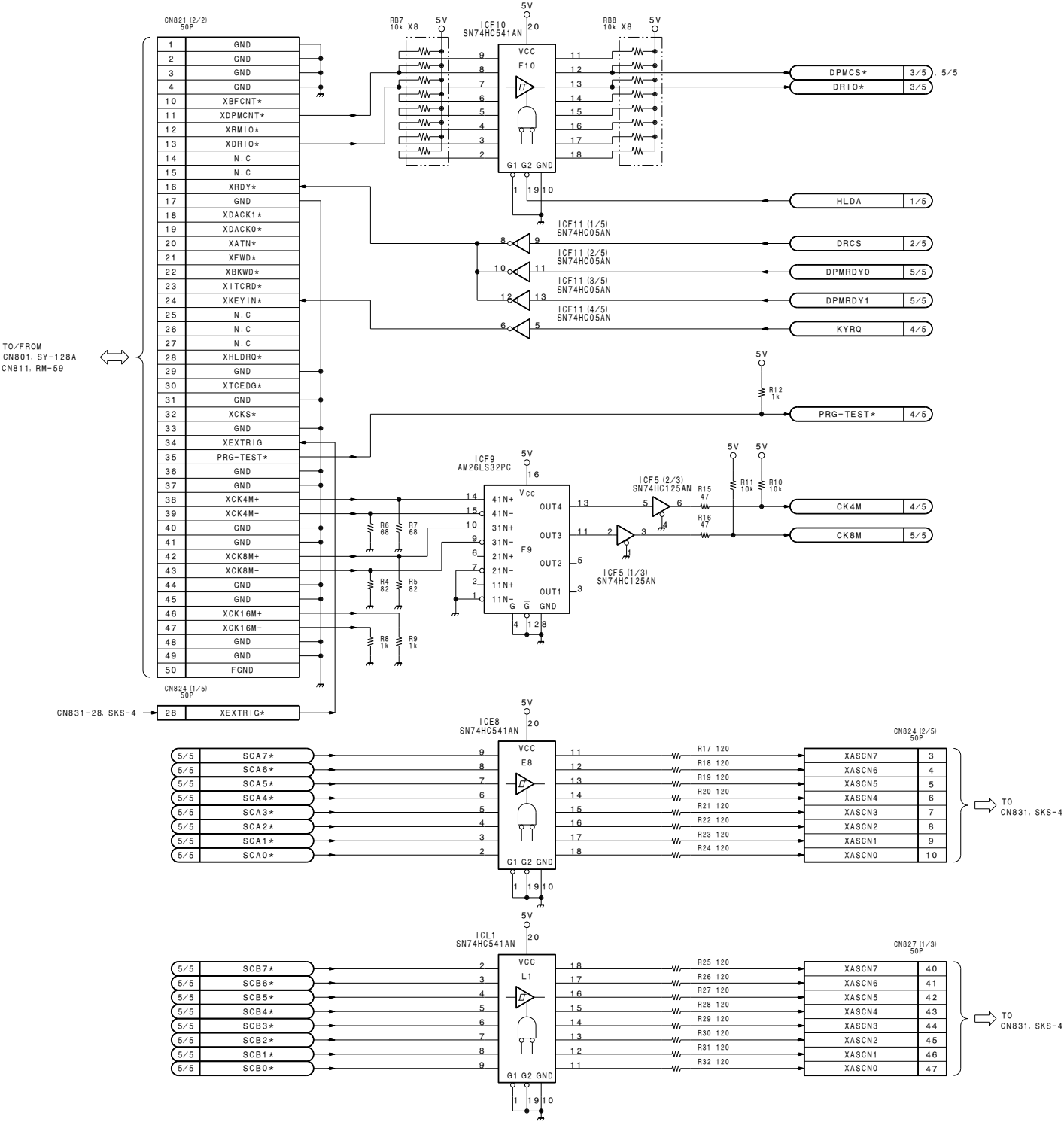
SWITCH  
**SW-298**  
BOARD NO. 1-627-133-11  
B-PCM3348HR-ASW24-S/M  
FOR REMOTE CONTROL UNIT

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



DRIVER  
**DR-70 (1/5)**  
BOARD NO. 1-627-127-12  
B-PCM3348HR-DR70-S/M  
FOR REMOTE CONTROL UNIT

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



DRIVER  
**DR-70 (2/5)**  
BOARD NO. 1-627-127-12  
B-PCM3348HR-DR70-S/M  
FOR REMOTE CONTROL UNIT

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

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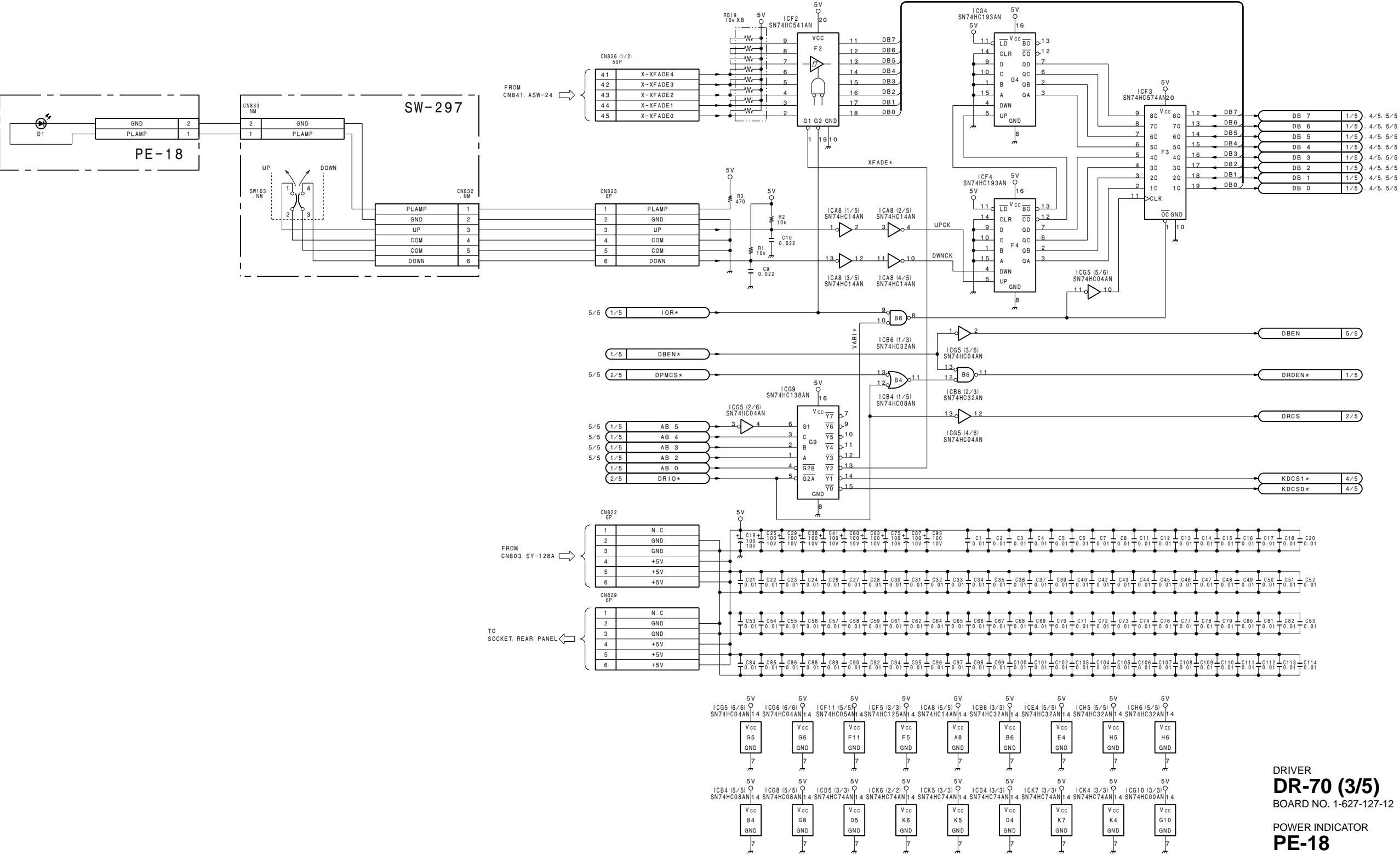
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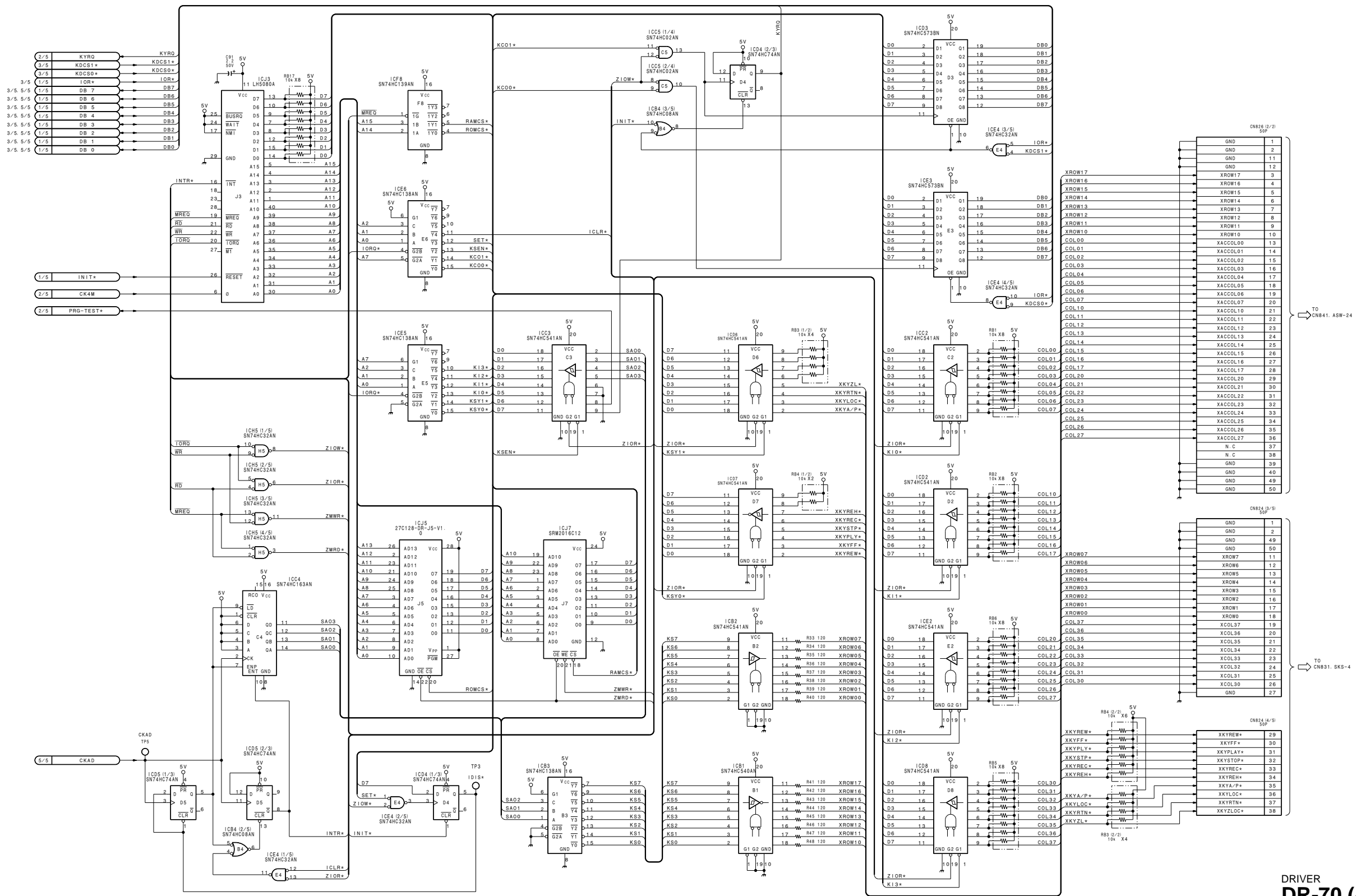


DRIVER  
**DR-70 (3/5)**  
BOARD NO. 1-627-127-12

POWER INDICATOR  
**PE-18**  
BOARD NO. 1-620-916-11

SWITCH  
**SW-297**  
BOARD NO. 1-627-132-11  
B-PCM3348HR-DR70-SM  
FOR REMOTE CONTROL UNIT

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



DRIVER  
**DR-70 (4/5)**  
BOARD NO. 1-627-127-12  
B-PCM3348HR-DR70-S/M  
FOR REMOTE CONTROL UNIT

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

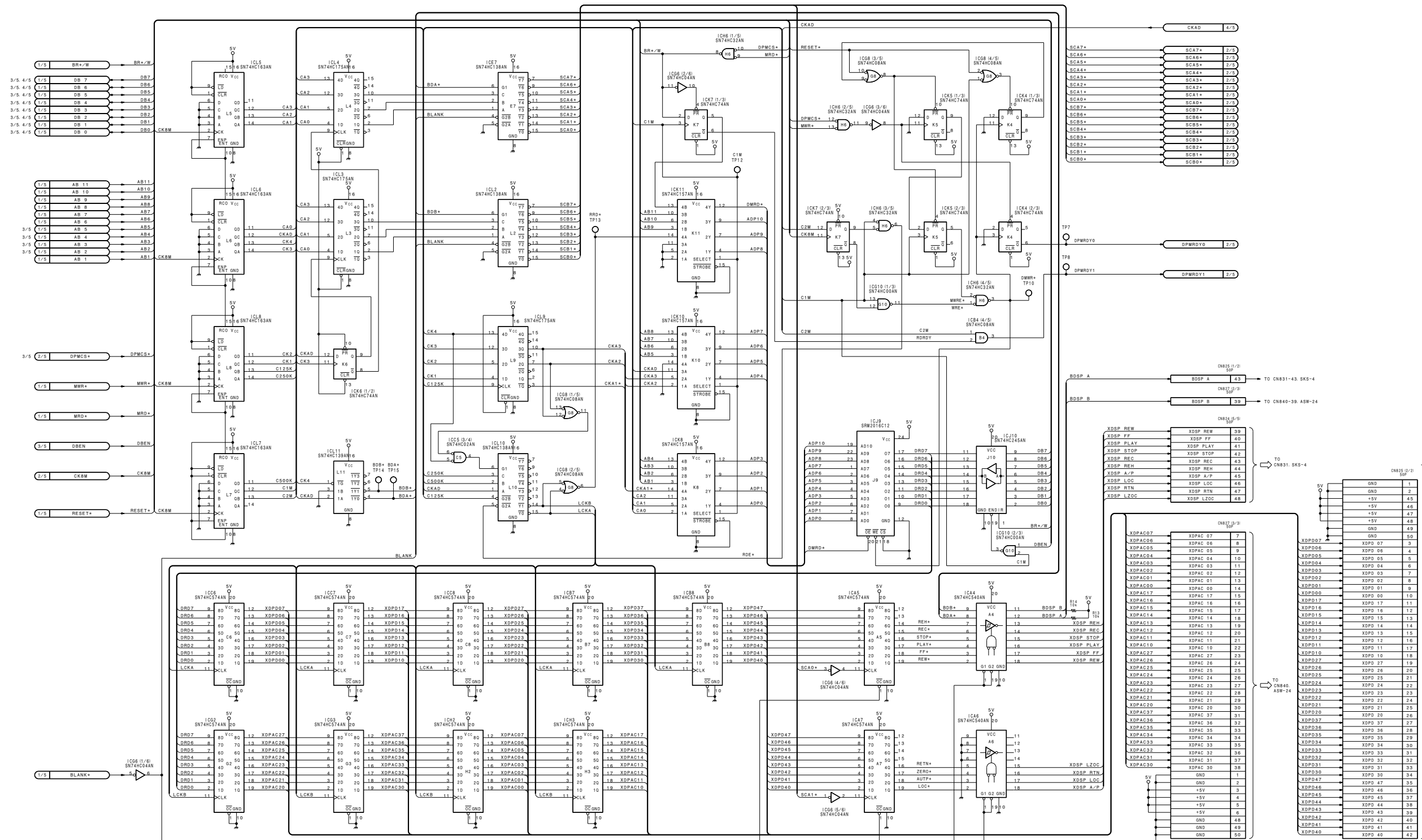
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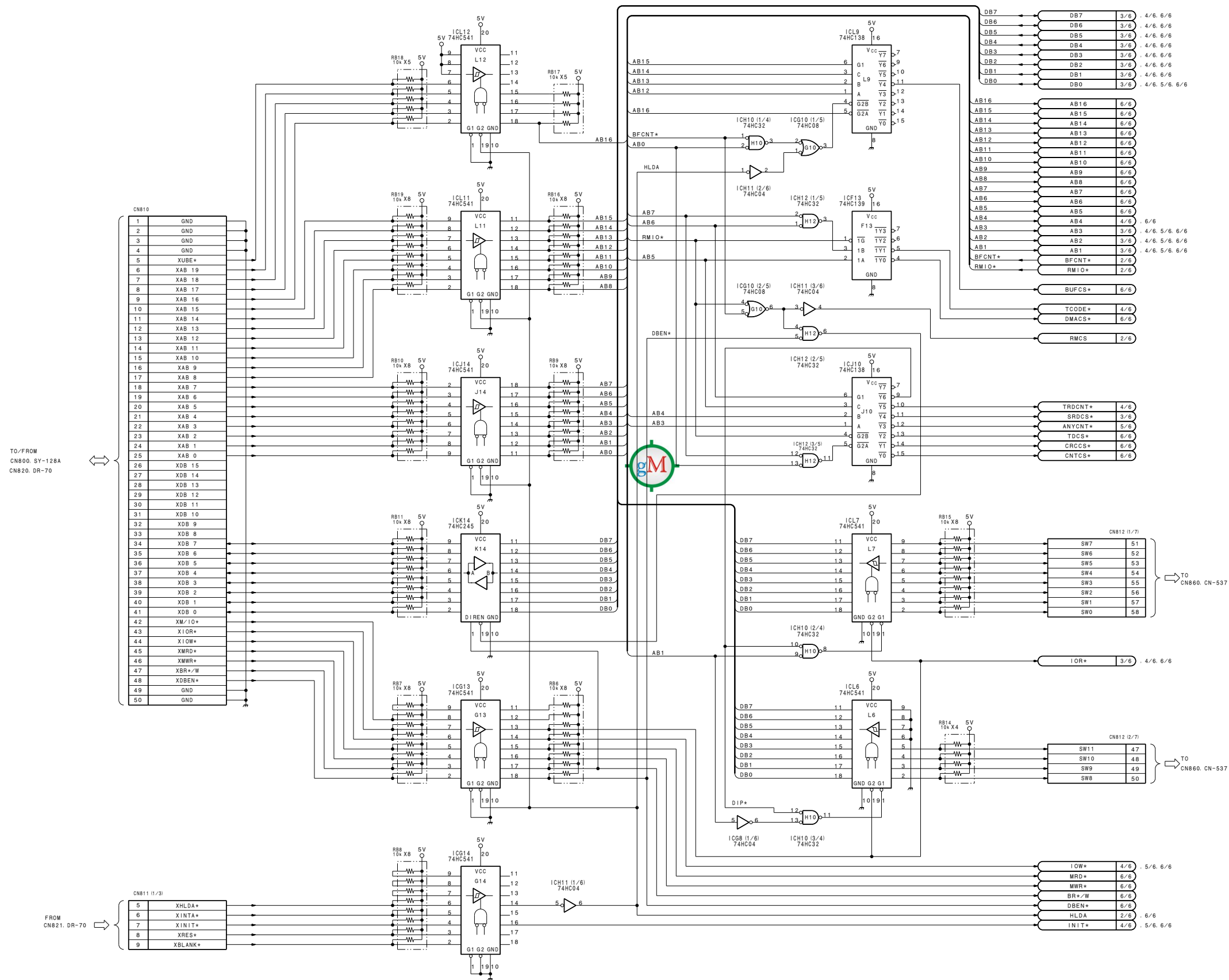
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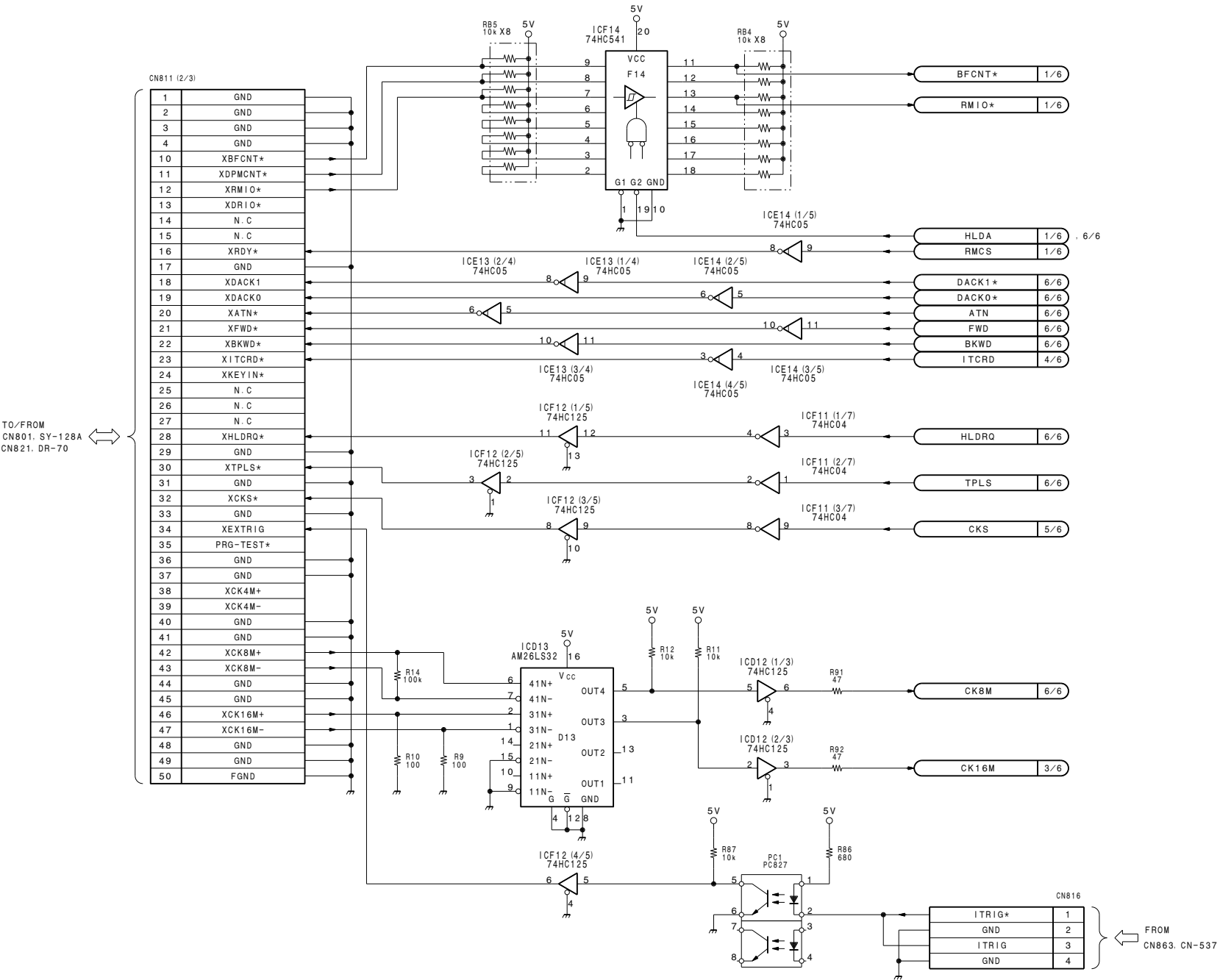
DRIVER  
**DR-70 (5/5)**  
BOARD NO. 1-627-127-12  
B-¥PCM3348HR-DR70-S/M  
FOR REMOTE CONTROL UNIT





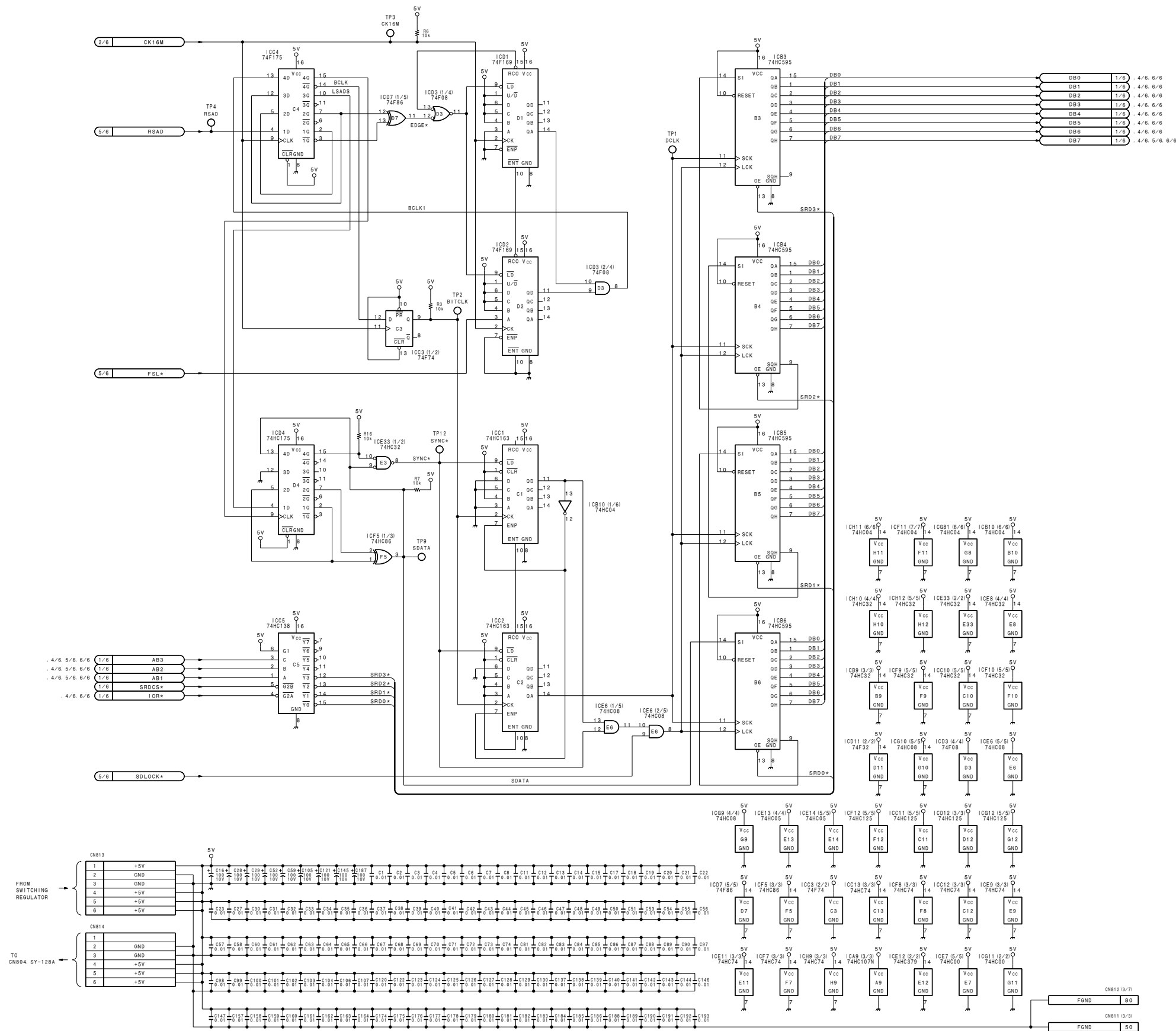
REMOTE  
**RM-59 (1/6)**  
BOARD NO. 1-627-126-12  
B-¥PCM3348HR-RM59-S/M  
FOR REMOTE CONTROL UNIT

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



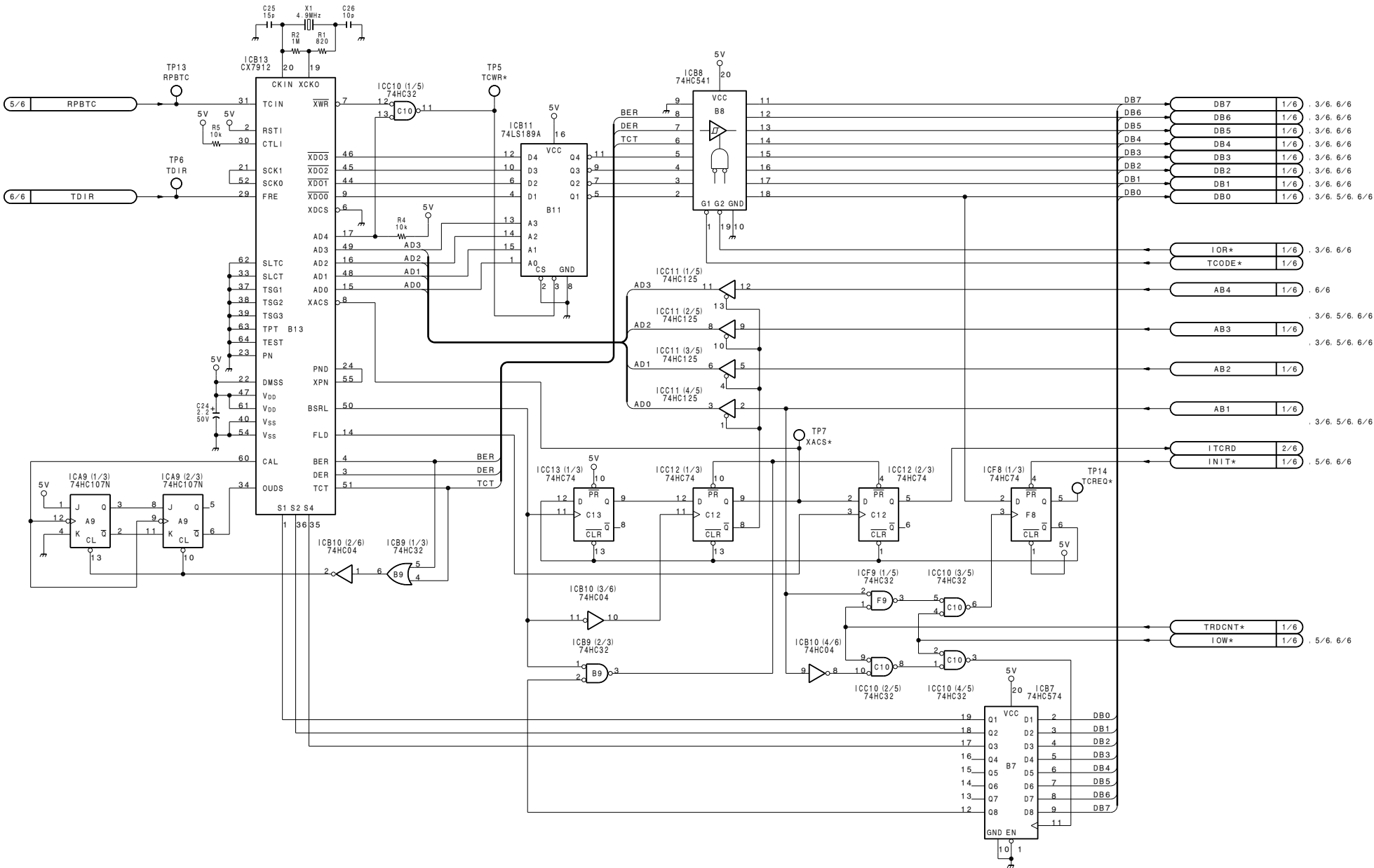
REMOTE  
**RM-59 (2/6)**  
BOARD NO. 1-627-126-12  
B-PCM3348HR-RM59-S/M  
FOR REMOTE CONTROL UNIT

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



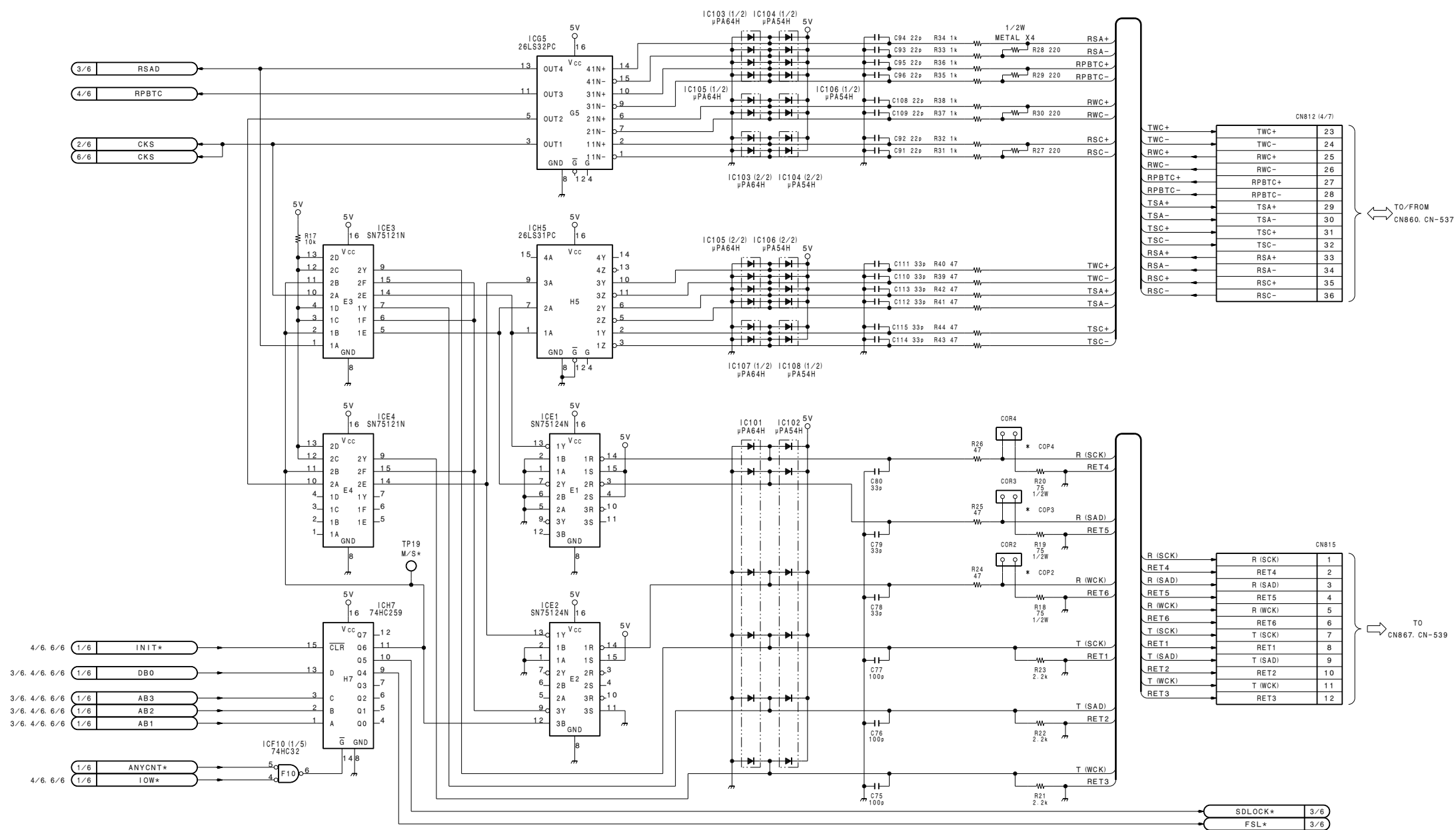
REMOTE  
**RM-59 (3/6)**  
BOARD NO. 1-627-126-12  
B-¥PCM3348HR-RM59-S/M  
FOR REMOTE CONTROL UNIT

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



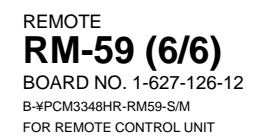
REMOTE  
**RM-59 (4/6)**  
BOARD NO. 1-627-126-12  
B-PCM3348HR-RM59-S/M  
FOR REMOTE CONTROL UNIT

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



REMOTE  
**RM-59 (5/6)**  
BOARD NO. 1-627-126-12  
B-PCM3348HR-RM59-S/M  
FOR REMOTE CONTROL UNIT

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

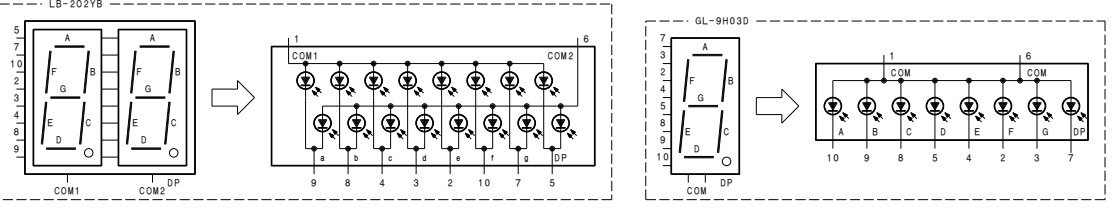
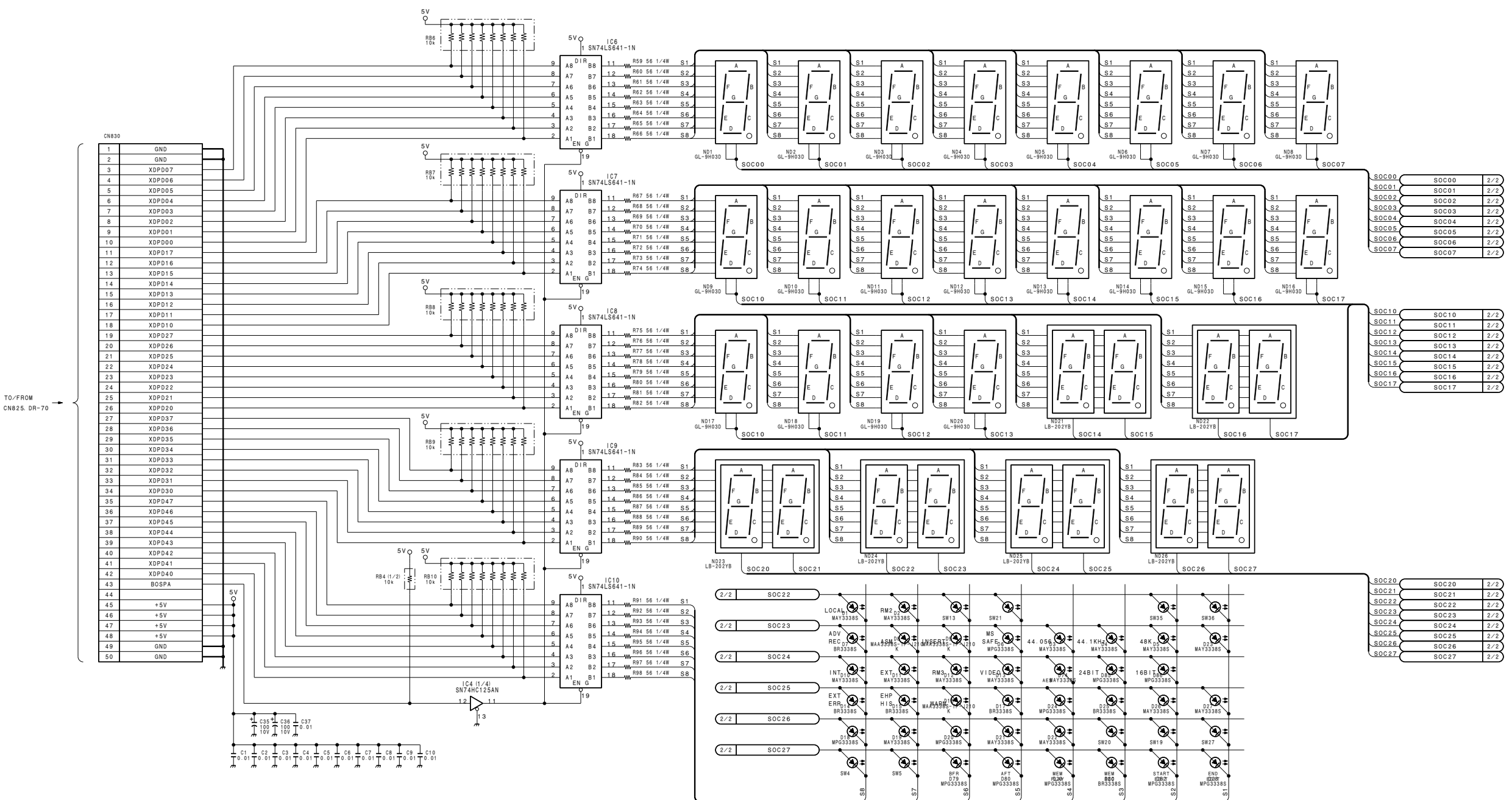
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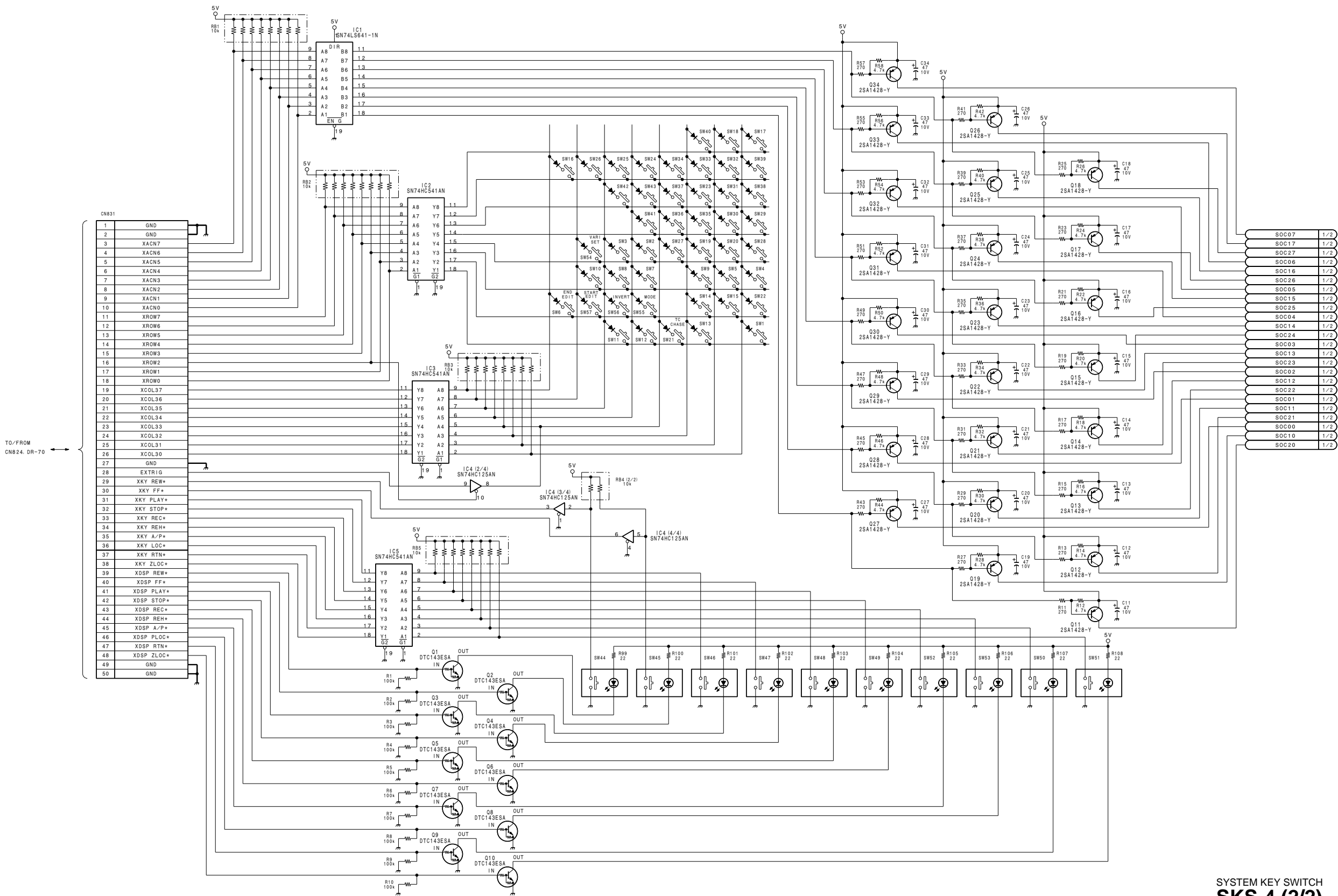
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SYSTEM KEY SWITCH  
**SKS-4 (1/2)**  
BOARD NO. 1-640-900-12  
B-PCM3348HR-SKS4-S/M  
FOR REMOTE CONTROL UNIT

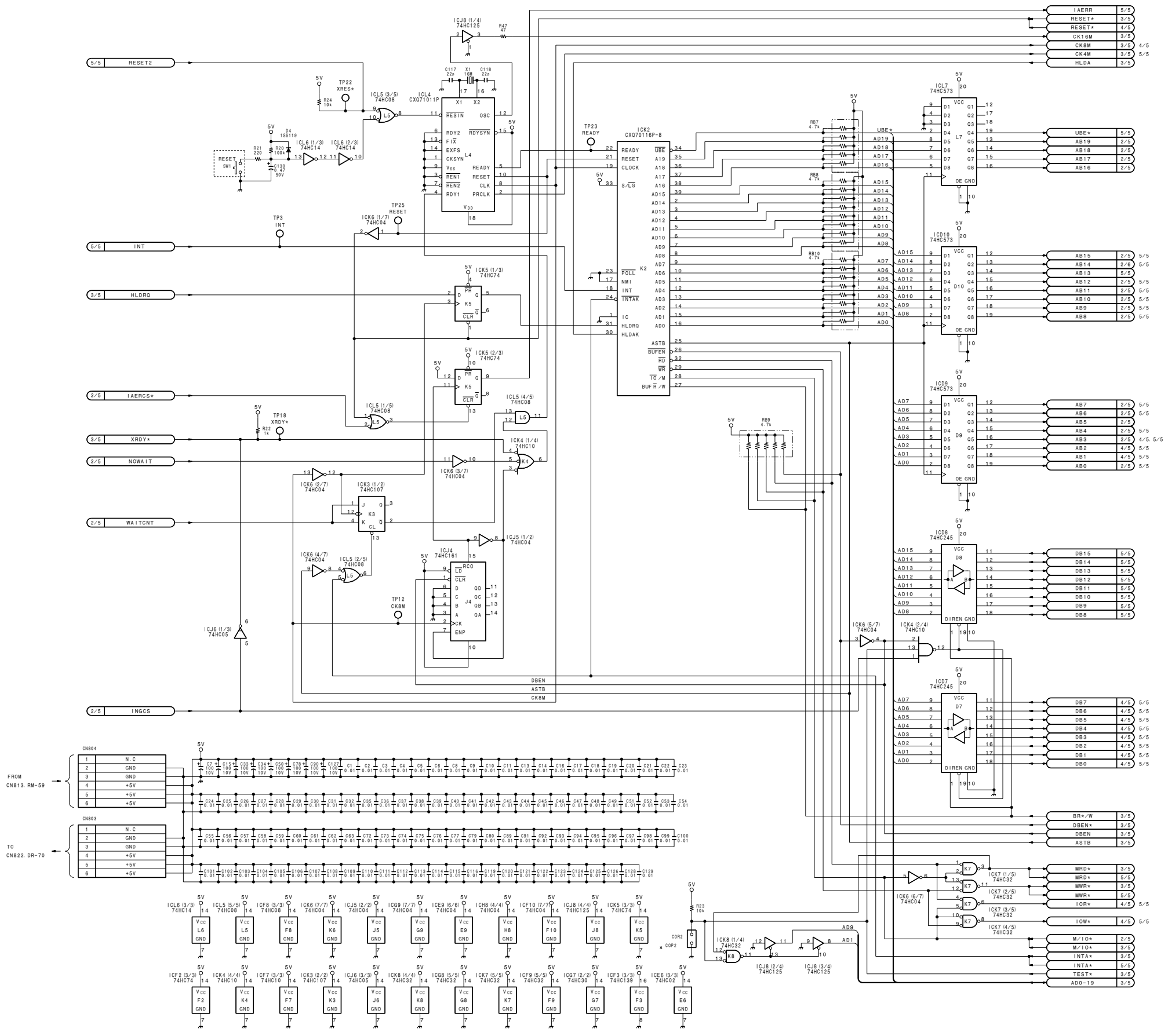


PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



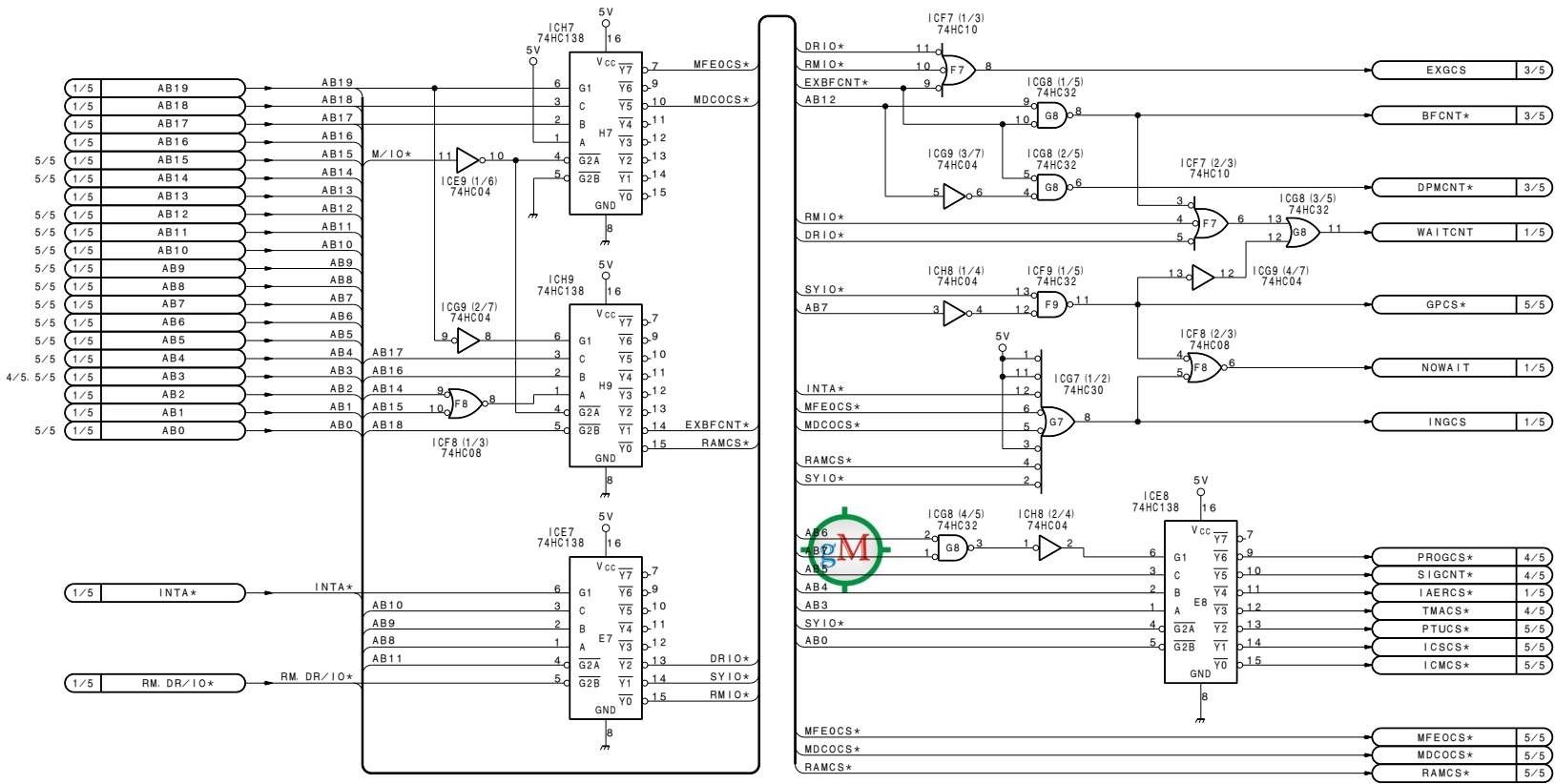
SYSTEM KEY SWITCH  
**SKS-4 (2/2)**  
BOARD NO. 1-640-900-12  
B-PCM3348HR-SKS4-S/M  
FOR REMOTE CONTROL UNIT

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



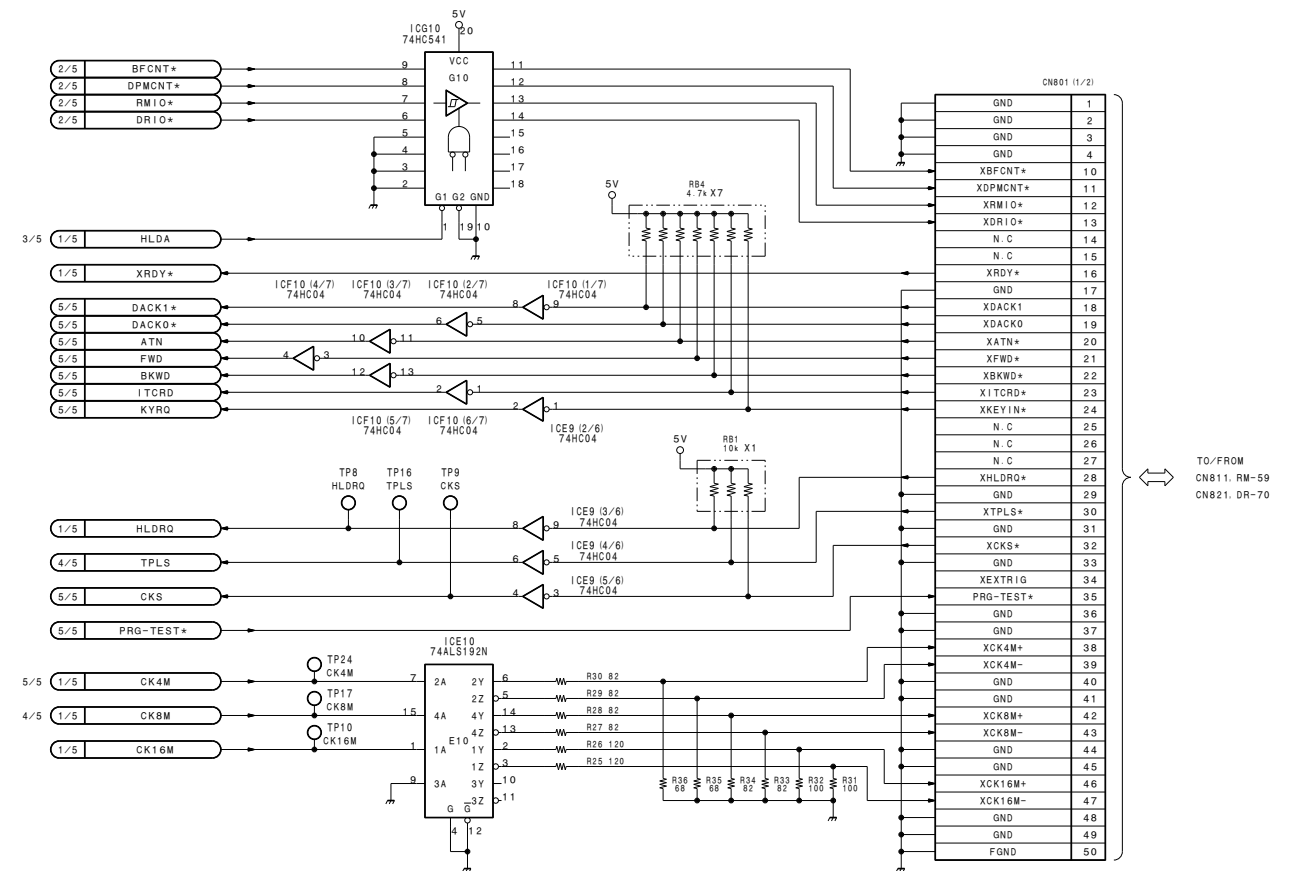
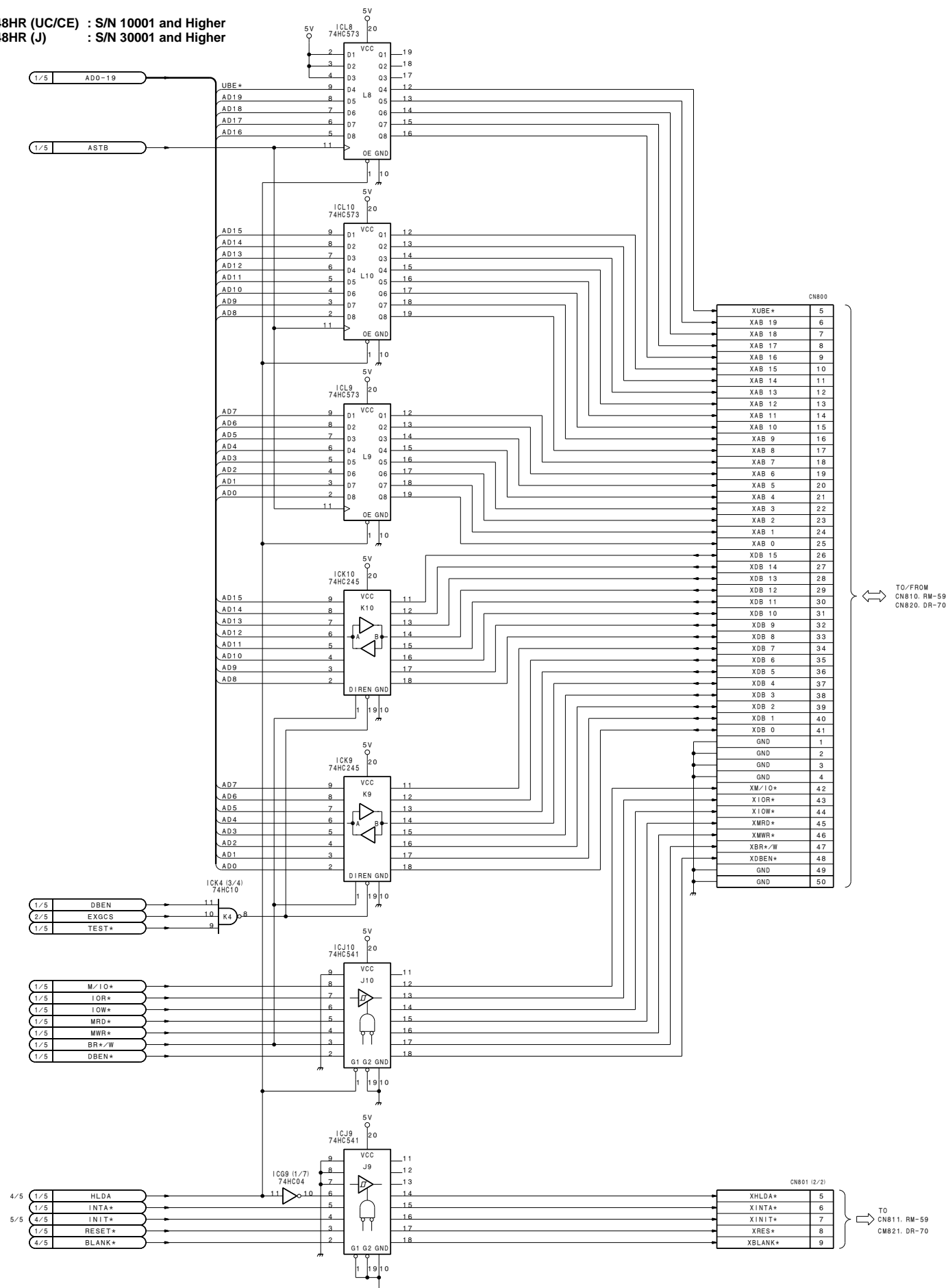
SYSTEM CONTROL  
**SY-128A (1/5)**  
BOARD NO. 1-627-125-12  
B-PCM3348HR-SY128A-S/M  
FOR REMOTE CONTROL UNIT

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



SYSTEM CONTROL  
**SY-128A (2/5)**  
BOARD NO. 1-627-125-12  
B-PCM3348HR-SY128A-S/M  
FOR REMOTE CONTROL UNIT

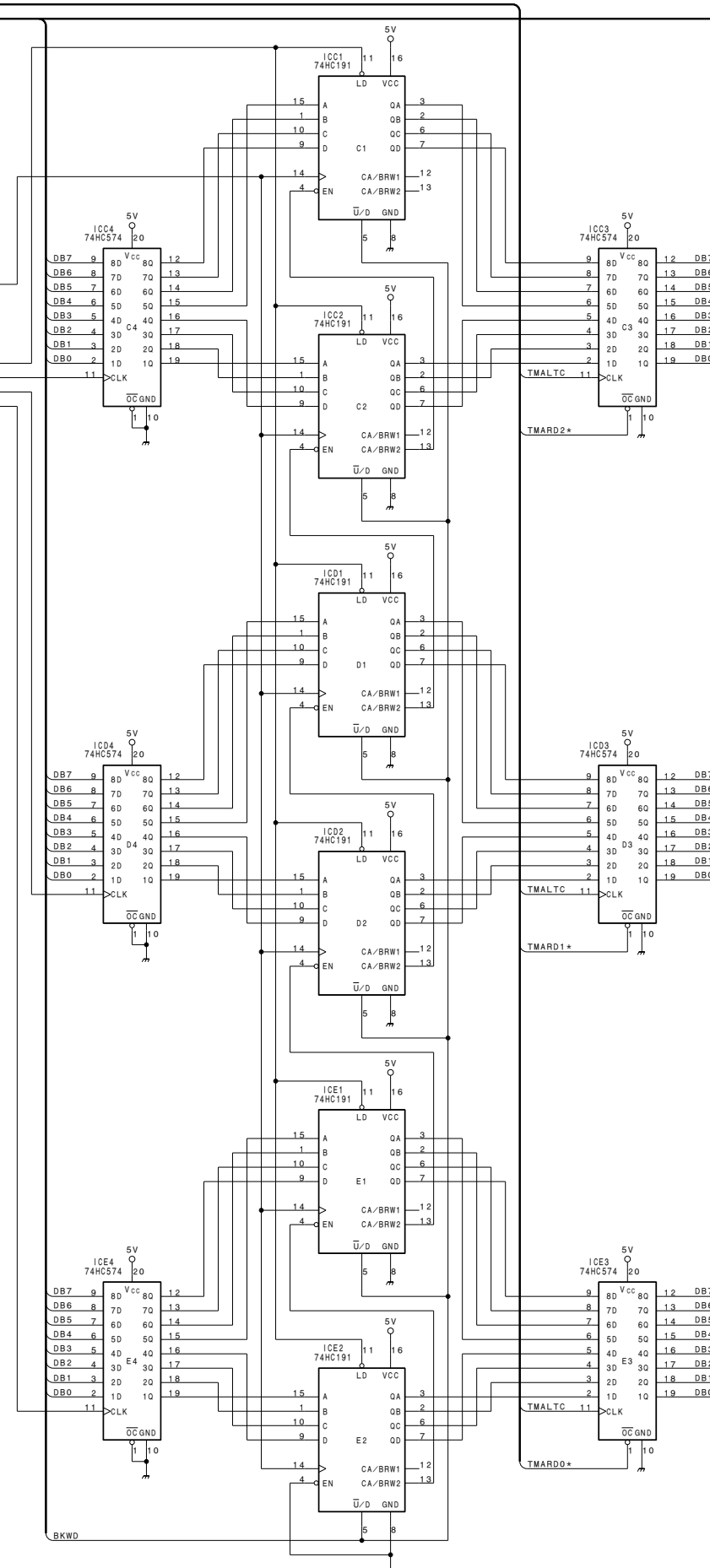
PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



SYSTEM CONTROL  
**SY-128A (3/5)**  
BOARD NO. 1-627-125-12  
B-¥PCM3348HR-SY128A-S/M  
FOR REMOTE CONTROL UNIT

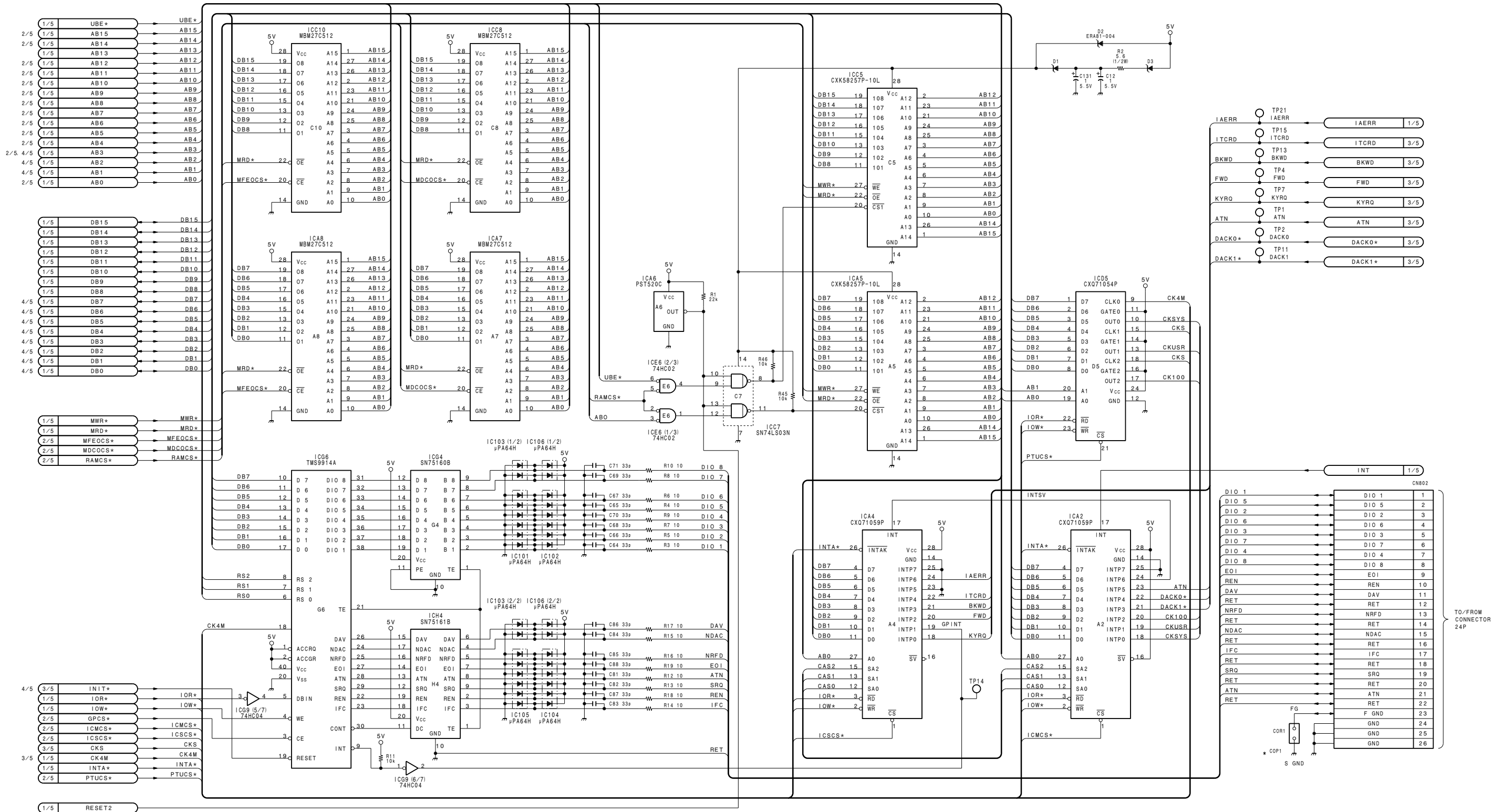
The block diagram illustrates the hardware architecture of the TMS320C49 evaluation board. Key components and their connections include:

- Decoders:** ICF3 (1/3) 74HC139, ICF2 (2/3) 74HC74, ICF9 (2/5) 74HC32, ICF3 (2/3) 74HC139, ICF9 (3/5) 74HC32, ICB1 74HC574, ICA1 74HC541, ICES 74HC259, ICF8 (2/4) 74HC32, ICF9 (4/5) 74HC32, ICF8 (3/4) 74HC04, and ICK8 (3/4) 74HC32.
- Shift Register:** ICB1 74HC574, which provides data to the D12-D0 TLR124 and TLR124 outputs.
- Comparator:** ICA1 74HC541, which compares the data from the shift register with the data from the TMS320C49 chip.
- Decoder:** ICES 74HC259, which provides the D1-D0 TLR124 and TLR124 outputs.
- Control Signals:** RESET+, PROGCS+, PRG-TEST+, SIGCNT+, IOW+, IOR+, BLANK+, and INIT+.
- Power and Ground:** 5V supply and GND connections for various ICs.



PCM-3348HR

PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher



SYSTEM CONTROL  
**SY-128A (5/5)**  
BOARD NO. 1-627-125-12  
B-PCM3348HR-SY128A-S/M  
FOR REMOTE CONTROL UNIT



PCM-3348HR (UC/CE) : S/N 10001 and Higher  
PCM-3348HR (J) : S/N 30001 and Higher

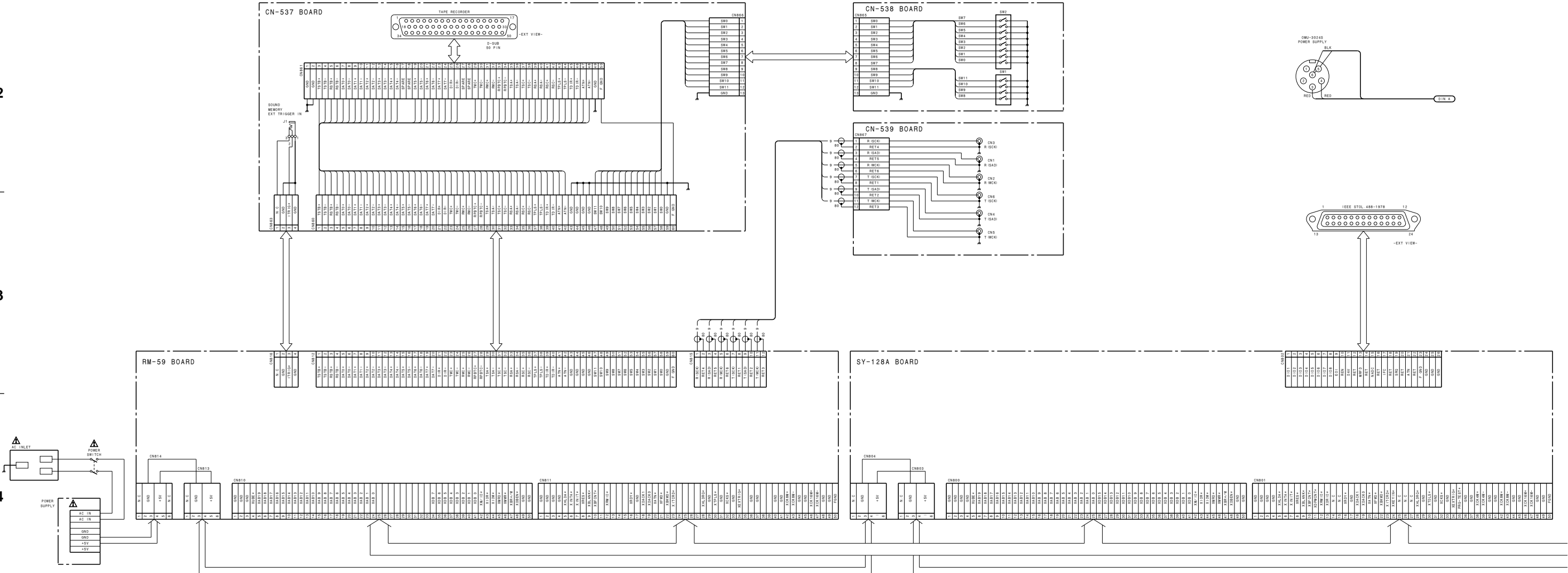
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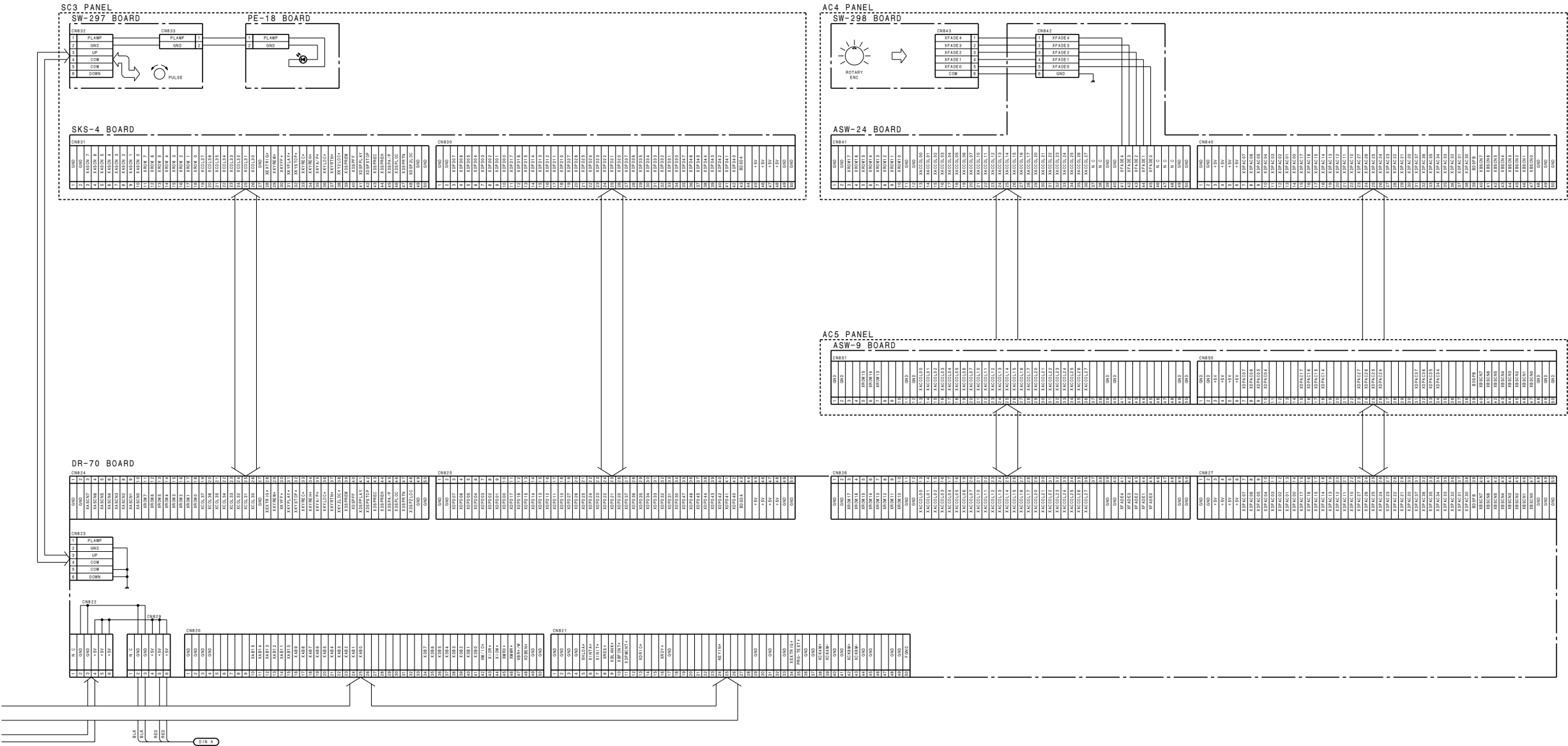
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Remote Frame Wiring

CONNECTOR  
**CN-537**  
BOARD NO. 1-641-141-11

CONNECTOR  
**CN-538**  
BOARD NO. 1-641-139-11

CONNECTOR  
**CN-539**  
BOARD NO. 1-641-140-11

FOR REMOTE CONTROL UNIT



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## SAFETY CHECK-OUT

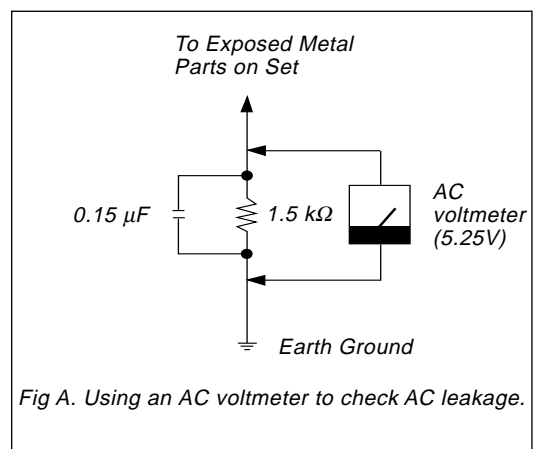
After correcting the original service problem, perform the following safety checks before releasing the set to the customer :

Check the metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

### LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 3.5 mA. Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 5.25 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 20 V AC range are suitable. (See Fig. A)



PCM-3348HR (J)  
PCM-3348HR (UC)  
PCM-3348HR (CE) J, E  
9-976-839-01

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